

## S-Beams



60001, Alloy Steel ..... Page 270

Single- or multiple-cell tension load applications. Nickel plated, high-alloy steel construction. Integral 20' (6.1m) cable and full environmental protection with stainless steel side plates. Capacities from 25 to 20,000 lb (113.4 to 9071.9 kg). Capacities of 5000 lb (2268.0 kg) or more have standardized output for multiple-cell installations.



60050, Stainless Steel ..... Page 271

Single- or multiple-cell applications. Integral 20' (6.1m) cable and full environmental protection with stainless steel side plates. Stainless steel construction for added corrosion protection. Capacities from 250 to 20,000 lb (113.4 to 9071.9 kg). Capacities of 5000 lb (2268.0 kg) or more have standardized output for multiple-cell installations.



60063, Stainless Steel ..... Page 272

Welded seal stainless steel S-beam load cell designed for compression and tension. Ideal for scale conversions and general-purpose weighing. NTEP approved in capacities from 500 to 5,000 lb (226.8 to 2268.0 kg). Non-NTEP in capacities of 10,000 to 20,000 lb (4535.9 to 9071.9 kg).



60036, Alloy Steel ..... Page 273

Single- or multiple-cell tension load applications. Integral 20' (6.1m) cable. Environmentally protected with neoprene sleeve. Nickel-plated, high-alloy steel construction. Capacities from 25 to 150 lb (11.3 to 68.0 kg).



## Single-Ended Beams



65023, Alloy Steel ..... Page 274

Designed for low-profile floor scales. Environmentally protected with stainless steel side plates. Nickel-plated high-alloy steel with thru holes for mounting and a thru or threaded hole for loading. Capacities from 500 to 20,000 lb (226.8 to 9071.9 kg).



65023 SS, Stainless Steel, Threaded/Thru ..... Page 275

Designed for low-profile floor scales. Environmentally protected with stainless steel side plates. Stainless steel and a threaded or thru hole for loading. Capacities from 250 to 20,000 lb (226.8 to 9071.9 kg).



65023 S, Stainless Steel ..... Page 276

Designed for low-profile floor scales. Environmentally protected with stainless steel side plates. Stainless steel and a threaded hole for loading. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg).



## Single-Ended Beams (Continued)

65083, Stainless Steel ..... Page 277



This welded seal precision load cell offers exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single- or multiple-cell installations, the 65083 has a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Integral 20' (6.1m) cable.



65083S, Stainless Steel ..... Page 278



This welded seal precision load cell offers exceptional performance and reliability in hostile environment applications typical of food and chemical processing. Designed for single- or multiple-cell installations, the 65083S is provided with a threaded load hole for easy adaptation of mounting hardware or leveling feet typical of floor scales. Capacities from 1000 to 10,000 lb (453.6 to 4535.9 kg). Integral 20' (6.1m) cable.



65007, Alloy Steel ..... Page 279



Ultra-small load cell. Nickel plated and environmentally protected with a stainless steel side plate. Designed for low-profile applications. Capacities from 25 to 250 lb (11.3 to 113.4 kg). Integral 20' (6.1m) cable.



60040, Alloy Steel ..... Page 280



Designed for low-profile, single- or multiple-cell weighing applications. Integral 20' (6.1m) cable. Nickel plated, high-alloy steel construction, environmentally protected with a neoprene sleeve. Capacities from 25 to 500 lb (11.3 to 226.8 kg).



60030, Alloy Steel ..... Page 281



Designed for high-impact loading. Integral 20' (6.1m) cable. High-alloy steel construction. Environmentally protected with a neoprene sleeve. Capacities from 50 to 300 lb (22.7 to 136.1 kg).



60018, Alloy Steel ..... Page 282



Designed for low-profile, single-cell weighing applications. Integral 20' (6.1m) cable. Environmentally protected with neoprene sleeve. Nickel plated high-alloy steel. Capacities from 500 to 2500 lb (226.8 to 1134.0 kg).



## Double-Ended Beams

65016, Alloy Steel ..... Page 283



Nickel plated and environmentally protected with stainless steel side plates. Designed for center loading compatibility with the RL1600 tank weighing assemblies. Capacities from 1000 to 75,000 lb (453.6 to 34,019.4 kg). Integral 25' (7.6m) cable.



65016W, Stainless Steel ..... Page 284



Stainless steel and welded seal weighing applications. Designed for center loading compatibility with RL1600 tank weighing assemblies. Capacities from 1000 to 75,000 lb (453.6 to 34,019.4 kg). Integral 25' (7.6m) cable.



65016WH, Stainless Steel ..... Featured Products Section Page 6, Page 285

65058, Alloy Steel ..... Page 286



Nickel plated and environmentally protected with stainless steel side plates. Designed for center link loading and compatibility with the Unilink or similar suspension systems up to 75,000 lb (34,019.4 kg). NTEP-certified capacities from 20,000 to 125,000 lb (9071.9 to 56,699.1 kg); non-NTEP capacities of 10,000 and 40,000 lb (4535.9 and 18,143.7 kg). Integral 35' (10.6m) cable.



65058 S, Stainless Steel ..... Page 287



The Sensortronics 65058S is a double-ended beam specifically designed for harsh environment vehicle weighing applications. This stainless steel, welded seal product is an ideal substitute for traditional alloy steel, nickel plated units where corrosive or washdown conditions exist. This model is compatible with both the MVS and TSA mounts, and is available in capacities ranging from 10,000 to 200,000 lb (2268.0 to 90,718.5 kg). Each unit is provided with a standard 35' (10.6m) cable.



65061A, Alloy Steel ..... Featured Products Section Page 4, Page 288

65040A, Alloy Steel ..... Page 289



Nickel plated and environmentally protected with stainless steel side plates. Designed for center mounting and double link loading. Capacities from 25,000 to 125,000 lb (11,339.8 to 56,699.1 kg). Integral 35' (10.6m) cable.



## Double Ended Beams (Continued)

65040S, Stainless Steel ..... Page 290



This model is an ungraded version of the Sensortronics 65040A, and is offered in stainless steel, with welded sealing. The center-supported double-ended beam design is compatible with Unilink/Translink mounts. The full stainless, welded seal upgrade makes this model ideal for applications where harsh chemicals and washdown conditions exist. This model is available in capacities ranging from 25,000 to 200,000 lb (11,339.8 to 90,718.5 kg), and is provided with a standard 35' (10.6m) cable.



## Compression Canister

65114, Stainless Steel ..... Page 291



The 65114 was specially designed to provide the superior protection of stainless steel and hermetic sealing for truck scale applications. This model is built to provide a high degree of accuracy, while protecting against the severe conditions that truck scale load cells often endure. The easy installation of "rocker column" type load cells also provides a distinct advantage over traditional market alternatives. Available in three different heights, this product can easily be adapted to existing applications.



## Single Points

60008, Alloy Steel ..... Page 292



Low-capacity load cell designed for single-cell platforms in protected environments. Built-in overload stops protect against overload (up to 5 times rated capacity). Integral 10' (3.1m) cable. 1 to 10 lb (.5 to 4.5 kg) cells may be used with a base size of 6" x 6" (152.4mm x 152.4mm); 20 to 100 lb (9.1 to 45.4 kg) cells, with a base size of 12" x 12" (304.8mm x 304.8mm).



60048, Alloy Steel ..... Page 293



Load cells especially designed for heavy-duty, off-center loads on a 20" x 20" (508mm x 508mm) platform. Nickel plated high-alloy steel construction. Includes integral 10' (3.1m) cable. 1000 lb (453.6 kg) capacity load cell may be used with 30" x 30" (762mm x 762mm) platform. Capacities from 25 to 1000 lb (11.3 to 453.6 kg).



60048 SS, Stainless Steel ..... Page 294



Load cells especially designed for heavy-duty, off-center loads on a 20" x 20" (508mm x 508mm) platform. Stainless steel construction specially designed for washdown situations. Includes integral 10' (3.1m) cable. 1000 lb (453.6 kg) capacity load cell may be used with 30" x 30" (762mm x 762mm) platform. Capacities from 25 to 1000 lb (11.3 to 453.6 kg).

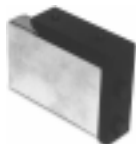


## Single Points (Continued)

60051, Stainless Steel ..... Page 295



Designed as a replacement for the NCI® Mark III in hostile environments. Stainless steel, moisture-resistant single-point cell. Integral 10' (3.1m) cable. 10 to 25 lb (4.5 to 11.3 kg) cells may be used with a base size of 8" x 8" (203.2mm x 203.2mm); 50 to 200 lb (22.7 to 90.7 kg) cells, with a base size of 12" x 12" (304.8mm x 304.8mm).



65024, Alloy Steel ..... Page 296

Low-profile single-point load cell designed for single-cell platforms in protected environments. Nickel-plated alloy steel construction. Capacities from 2 to 25 lb (.9 to 11.3 kg). Integral 10' (3.1m) cable.



60060, Aluminum ..... Page 297

High-capacity off-center load cell accurately weighs loads on a 36" x 36" platform. Aluminum clear anodized construction. Capacities from 100 to 2000 lb (45.4 to 907.2 kg). Integral 10' (3.1m) cable.



60060-0101, Stainless Steel ..... Page 298

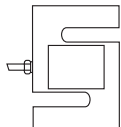
High-capacity off-center load cell accurately weighs loads on a 36" x 36" platform. Stainless steel construction. Capacities from 250 to 2000 lb (113.4 to 907.2 kg). Integral 10' (3.1m) cable.



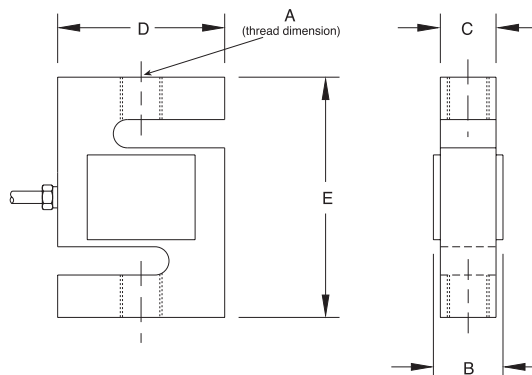
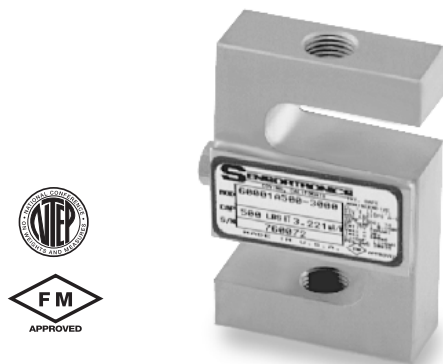
60064, Stainless Steel ..... Page 299

This low-profile single point is designed for bench scale and checkweigher applications that require stainless steel, hermetically-sealed solutions. Ideal for harsh washdown environments. Capacities from 25 to 100 lb (11.3 to 45.3 kg). Complete with 10' (3.1m) of load cell cable.





## 60001 S-Beam, Alloy Steel NTEP 1:5000 Class III/1:10000 Class IIIL Single Cell, IP67



### SPECIFICATIONS:

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| Full Scale Output:     | 3.0 mV/V                                                                                         |
| Bridge Resistance:     | 350 ohms, nominal                                                                                |
| Material/Finish:       | High-alloy steel, nickel plated                                                                  |
| Temperature:           | Compensated range<br>14°F to 104°F/-10°C to 40°C                                                 |
| Mfg. Model Number:     | 60001A-XX-1177                                                                                   |
| Safe Overload:         | 150% Full scale                                                                                  |
| Rated Excitation:      | 10V DC (15V maximum)                                                                             |
| Nonlinearity:          | 0.03% Full scale                                                                                 |
| Hysteresis:            | 0.02% Full scale                                                                                 |
| Insulation Resistance: | 5000 megohms                                                                                     |
| Seal Type:             | Environmentally protected                                                                        |
| Cable Length:          | 20'/6.1m                                                                                         |
| Cable Color Code:      | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ... + Signal<br>White ..... - Signal |
| Warranty:              | 2 years                                                                                          |

### RATED CAPACITY

|                  | A               | B    | C    | D    | E    |
|------------------|-----------------|------|------|------|------|
| <b>lb/inches</b> |                 |      |      |      |      |
| 25-100           | 1/4-28 UNF      | .65  | .50  | 2.00 | 2.50 |
| 250-300          | 3/8-24 UNF-2B   | .75  | .50  | 2.00 | 3.00 |
| 500-2000         | 1/2-20 UNF-2B   | 1.00 | .75  | 2.00 | 3.00 |
| 2500-3000        | 1/2-20 UNF-2B   | 1.25 | 1.00 | 2.00 | 3.00 |
| 5000             | 3/4-16 UNF-2B   | 1.25 | 1.00 | 3.00 | 4.25 |
| 10,000           | 3/4-16 UNF-2B   | 1.25 | 1.00 | 3.50 | 4.75 |
| 15,000           | 1-14 UNS-2B     | 1.50 | 1.25 | 4.00 | 5.50 |
| 20,000           | 1 1/4-12 UNF-2B | 2.25 | 2.00 | 5.00 | 7.00 |

### kg/millimeters

|               | A               | B    | C    | D     | E     |
|---------------|-----------------|------|------|-------|-------|
| 11.3-45.4     | 1/4-28 UNF      | 16.5 | 12.7 | 50.8  | 63.5  |
| 113.4-136.1   | 3/8-24 UNF-2B   | 19.1 | 12.7 | 50.8  | 76.2  |
| 226.8-907.2   | 1/2-20 UNF-2B   | 25.4 | 19.1 | 50.8  | 76.2  |
| 1134.0-1360.8 | 1/2-20 UNF-2B   | 31.8 | 25.4 | 50.8  | 76.2  |
| 2268.0        | 3/4-16 UNF-2B   | 31.8 | 25.4 | 76.2  | 108.0 |
| 4535.9        | 3/4-16 UNF-2B   | 31.8 | 25.4 | 88.9  | 120.7 |
| 6803.9        | 1-14 UNS-2B     | 38.1 | 31.8 | 101.6 | 139.7 |
| 9071.9        | 1 1/4-12 UNF-2B | 57.2 | 50.8 | 127.0 | 177.8 |

### DIMENSIONS

### 60001 ORDER INFORMATION

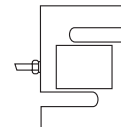
| Load Rating           | Part # | Suggested List Price |
|-----------------------|--------|----------------------|
| 25 lb (11.3 kg)       | 61116  | \$295.00             |
| 50 lb (22.7 kg)       | 61117  | \$295.00             |
| 100 lb (45.4 kg)      | 61118  | \$295.00             |
| 250 lb (113.4 kg)     | 61120  | \$295.00             |
| 300 lb (136.1 kg)     | 61121  | \$295.00             |
| 500 lb (226.8 kg)     | 61122  | \$295.00             |
| 750 lb (340.2 kg)     | 61123  | \$295.00             |
| 1000 lb (453.6 kg)    | 61124  | \$295.00             |
| 1500 lb (680.4 kg)    | 61125  | \$295.00             |
| 2000 lb (907.2 kg)    | 61126  | \$295.00             |
| 2500 lb (1134.0 kg)   | 61127  | \$335.00             |
| 3000 lb (1360.8 kg)   | 61128  | \$335.00             |
| 5000 lb (2268.0 kg)   | 61129  | \$475.00             |
| 10,000 lb (4535.9 kg) | 61130  | \$475.00             |
| 15,000 lb (6803.9 kg) | 61131  | \$575.00             |
| 20,000 lb (9071.9 kg) | 61132  | \$895.00             |

### INTERCHANGEABLE PRODUCTS

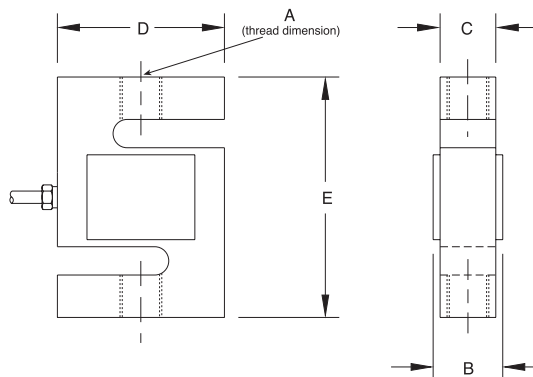
| Manufacturer               | Model                 |
|----------------------------|-----------------------|
| Rice Lake Weighing Systems | (see page 98) RL20001 |
| Celtron                    | (see page 176) STC    |

### WEIGH MODULE AVAILABLE

| Model                            | Page #        |
|----------------------------------|---------------|
| ITCM Isolated Tension Cell Mount | 27-29, or 335 |



## 60050 S-Beam, Stainless Steel, IP67



### SPECIFICATIONS:

**Full Scale Output:** 3.0 mV/V  
**Bridge Resistance:** 350 ohms, nominal  
**Material/Finish:** Stainless steel  
**Temperature:** Compensated range  
 0°F to 150°F/-18°C to 65°C  
**Manufacturer**  
**Model Number:** 60050  
**Safe Overload:** 150% Full scale  
**Rated Excitation:** 10V DC (15V maximum)  
**Nonlinearity:** 0.03% Full scale  
**Hysteresis:** 0.02% Full scale  
**Insulation Resistance:** 5000 megohms  
**Seal Type:** Environmentally protected, IP67  
**Cable Length:** 20'/6.1m  
**Cable Color Code:**  
 Red ..... + Excitation  
 Black ..... - Excitation  
 Green ... + Signal  
 White ..... - Signal  
**Warranty:** 2 years

### RATED CAPACITY

|                       | DIMENSIONS      |      |      |       |       |
|-----------------------|-----------------|------|------|-------|-------|
|                       | A               | B    | C    | D     | E     |
| <b>lb/inches</b>      |                 |      |      |       |       |
| 250                   | 3/8-24 UNF-2B   | .75  | .50  | 2.00  | 3.00  |
| 500-1500              | 1/2-20 UNF-2B   | 1.00 | .75  | 2.00  | 3.00  |
| 2000-3000             | 1/2-20 UNF-2B   | 1.25 | 1.00 | 2.00  | 3.00  |
| 5000                  | 3/4-16 UNF-2B   | 1.25 | 1.00 | 3.00  | 4.25  |
| 10,000                | 3/4-16 UNF-2B   | 1.25 | 1.00 | 3.50  | 4.75  |
| 15,000                | 1-14 UNS-2B     | 1.50 | 1.25 | 4.00  | 5.50  |
| 20,000                | 1 1/4-12 UNF-2B | 2.00 | 1.94 | 5.00  | 7.00  |
| <b>kg/millimeters</b> |                 |      |      |       |       |
| 113.4                 | 3/8-24 UNF-2B   | 19.1 | 12.7 | 50.8  | 76.2  |
| 226.8-680.4           | 1/2-20 UNF-2B   | 25.4 | 19.1 | 50.8  | 76.2  |
| 907.2-1360.8          | 1/2-20 UNF-2B   | 31.8 | 25.4 | 50.8  | 76.2  |
| 2268.0                | 3/4-16 UNF-2B   | 31.8 | 25.4 | 76.2  | 108.0 |
| 4535.9                | 3/4-16 UNF-2B   | 31.8 | 25.4 | 88.9  | 120.7 |
| 6803.9                | 1-14 UNS-2B     | 38.1 | 31.8 | 101.6 | 139.7 |
| 9071.9                | 1 1/4-12 UNF-2B | 50.8 | 49.3 | 127.0 | 177.8 |

### 60050 ORDER INFORMATION

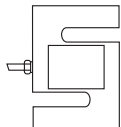
| Load Rating                 | Part #      | Suggested List Price |
|-----------------------------|-------------|----------------------|
| 250 lb (113.4 kg) .....     | 17077 ..... | \$325.00             |
| 500 lb (226.8 kg) .....     | 17078 ..... | \$325.00             |
| 750 lb (340.2 kg) .....     | 17079 ..... | \$325.00             |
| 1000 lb (453.6 kg) .....    | 17080 ..... | \$325.00             |
| 1500 lb (680.4 kg) .....    | 17081 ..... | \$325.00             |
| 2000 lb (907.2 kg) .....    | 17082 ..... | \$365.00             |
| 2500 lb (1134.0 kg) .....   | 17083 ..... | \$365.00             |
| 3000 lb (1360.8 kg) .....   | 17084 ..... | \$365.00             |
| 5000 lb (2268.0 kg) .....   | 17085 ..... | \$550.00             |
| 10,000 lb (4535.9 kg) ..... | 17086 ..... | \$550.00             |
| 15,000 lb (6803.9 kg) ..... | 17087 ..... | \$650.00             |
| 20,000 lb (9071.9 kg) ..... | 17088 ..... | \$975.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer  | Model                 |
|---------------|-----------------------|
| Celtron ..... | (see page 178) STC-SS |

### WEIGH MODULE AVAILABLE

| Model                                  | Page #        |
|----------------------------------------|---------------|
| ITCM Isolated Tension Cell Mount ..... | 27-29, or 335 |



## 60063 S-Beam, Stainless Steel Welded Seal, IP67 1:5000 Class III, 1:10,000 Class IIIL Single Cell

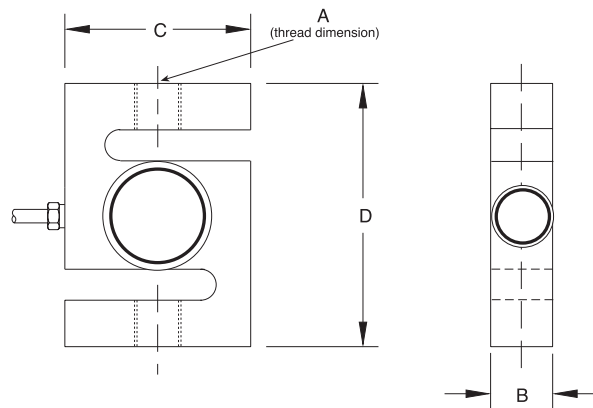


### SPECIFICATIONS:

Full Scale Output: 2.0 mV/V  
Bridge Resistance: 350 ohms, nominal  
Material/Finish: Stainless steel  
Temperature: Compensated range  
0°F to 150°F/-18°C to 65°C

Manufacturer  
Model Number: 60063  
Safe Overload: 150% Full scale  
Rated Excitation: 10V DC (15V maximum)  
Nonlinearity: 0.03% Full scale  
Hysteresis: 0.02% Full scale  
Insulation Resistance: 5000 megohms  
Seal Type: Welded seal, IP67  
Cable Length: 20'/6.1m  
Cable Color Code:  
Red ..... + Excitation  
Black ..... - Excitation  
Green ... + Signal  
White ..... - Signal

Warranty: 2 years



### RATED CAPACITY

#### lb/inches

|             | A        | B    | C    | D    |
|-------------|----------|------|------|------|
| 500-3000    | 1/2-20   | 1.00 | 2.00 | 3.00 |
| 5000-10,000 | 3/4-16   | 1.00 | 3.50 | 4.75 |
| 15,000      | 1-14     | 1.25 | 4.00 | 5.50 |
| 20,000      | 1 1/4-12 | 2.00 | 5.00 | 7.00 |

#### kg/millimeters

|               | A        | B    | C     | D     |
|---------------|----------|------|-------|-------|
| 226.8-1360.8  | 1/2-20   | 25.4 | 50.8  | 76.2  |
| 2268.0-4535.9 | 3/4-16   | 25.4 | 88.9  | 120.7 |
| 6803.9        | 1-14     | 31.8 | 101.6 | 139.7 |
| 9071.9        | 1 1/4-12 | 76.2 | 127.0 | 177.8 |

### 60063 ORDER INFORMATION

| Load Rating         | Part # | Suggested List Price |
|---------------------|--------|----------------------|
| <b>NTEP cells:</b>  |        |                      |
| 500 lb (226.8 kg)   | 36272  | \$495.00             |
| 750 lb (340.2 kg)   | 36273  | \$495.00             |
| 1000 lb (453.6 kg)  | 36274  | \$495.00             |
| 1500 lb (680.4 kg)  | 36275  | \$495.00             |
| 2000 lb (907.2 kg)  | 36276  | \$495.00             |
| 2500 lb (1134.0 kg) | 36277  | \$495.00             |
| 3000 lb (1360.8 kg) | 36278  | \$495.00             |
| 5000 lb (2268.0 kg) | 36279  | \$660.00             |

#### Non-NTEP cells:

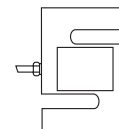
|                       |       |            |
|-----------------------|-------|------------|
| 10,000 lb (4535.9 kg) | 36280 | \$660.00   |
| 15,000 lb (6803.9 kg) | 36281 | \$895.00   |
| 20,000 lb (9071.9 kg) | 36282 | \$1,025.00 |

### INTERCHANGEABLE PRODUCTS

| Manufacturer               | Model      |
|----------------------------|------------|
| Rice Lake Weighing Systems | RL20001 HE |

### WEIGH MODULE AVAILABLE

| Model                            | Page #        |
|----------------------------------|---------------|
| ITCM Isolated Tension Cell Mount | 24-29, or 335 |

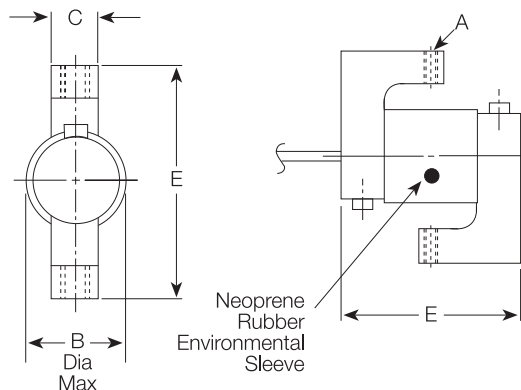


## 60036 S-Beam, Alloy Steel, IP65



### SPECIFICATIONS:

|                            |                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------|
| Full Scale Output:         | 3.0 mV/V                                                                                         |
| Bridge Resistance:         | 350 ohms, nominal                                                                                |
| Material/Finish:           | High-alloy steel, nickel plated                                                                  |
| Temperature:               | Compensated range<br>0°F to 150°F/-18°C to 65°C                                                  |
| Manufacturer Model Number: | 60036                                                                                            |
| Safe Overload:             | 150% Full scale                                                                                  |
| Rated Excitation:          | 10V DC (15V maximum)                                                                             |
| Nonlinearity:              | 0.03% Full scale                                                                                 |
| Hysteresis:                | 0.03% Full scale                                                                                 |
| Insulation Resistance:     | 5000 megohms                                                                                     |
| Seal Type:                 | Environmentally protected with neoprene sleeve, IP65                                             |
| Cable Length:              | 20'/6.1m                                                                                         |
| Cable Color Code:          | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ... + Signal<br>White ..... - Signal |
| Warranty:                  | 2 years                                                                                          |



| RATED CAPACITY                     | DIMENSIONS    |      |      |      |      |
|------------------------------------|---------------|------|------|------|------|
|                                    | A             | B    | C    | D    | E    |
| <b>lb/inches</b><br>25-150         | 1/4-28 UNF-2B | 1.12 | .50  | 2.12 | 2.50 |
| <b>kg/millimeters</b><br>11.3-68.0 | 1/4-28 UNF-2B | 28.5 | 12.7 | 53.9 | 63.5 |

### 60036 ORDER INFORMATION

| Load Rating            | Part #      | Suggested List Price |
|------------------------|-------------|----------------------|
| 25 lb (11.3 kg) .....  | 17038 ..... | \$315.00             |
| 50 lb (22.7 kg) .....  | 17039 ..... | \$315.00             |
| 75 lb (34.0 kg) .....  | 17040 ..... | \$315.00             |
| 100 lb (45.4 kg) ..... | 17041 ..... | \$315.00             |
| 150 lb (68.0 kg) ..... | 17042 ..... | \$315.00             |

### INTERCHANGEABLE PRODUCTS

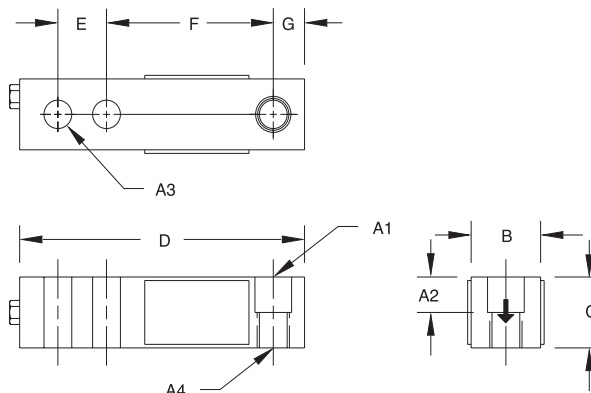
| Manufacturer                     | Model                 |
|----------------------------------|-----------------------|
| Rice Lake Weighing Systems ..... | (see page 97) RL20000 |
| Celtron .....                    | (see page 176) STC    |
| Revere Transducers .....         | (see page 236) 9363   |

### WEIGH MODULE AVAILABLE

| Model                                  | Page #        |
|----------------------------------------|---------------|
| ITCM Isolated Tension Cell Mount ..... | 24-29, or 335 |



## 65023 Single-Ended Shear Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



| RATED<br>CAPACITY     | DIMENSIONS    |      |      |           |      |      |       |      |       |      |
|-----------------------|---------------|------|------|-----------|------|------|-------|------|-------|------|
|                       | A1            | A2   | A3   | A4        | B    | C    | D     | E    | F     | G    |
| <b>lb/inches</b>      |               |      |      |           |      |      |       |      |       |      |
| 500                   | 1/2-20 UNF-2B | .50  | .53  | .53 DIA.  | 1.25 | 1.00 | 5.12  | 1.00 | 3.00  | .50  |
| 1000-4000             | 1/2-20 UNF-2B | .62  | .53  | .53 DIA.  | 1.25 | 1.25 | 5.12  | 1.00 | 3.00  | .50  |
| 5000-10,000           | 3/4-16 UNF-2B | .75  | .78  | .78 DIA.  | 1.50 | 1.50 | 6.75  | 1.50 | 3.75  | .75  |
| 15,000-20,000         | 1-14 UNS-2B   | 1.00 | 1.03 | 1.03 DIA. | 2.00 | 2.00 | 8.88  | 2.00 | 4.88  | 1.00 |
| <b>kg/millimeters</b> |               |      |      |           |      |      |       |      |       |      |
| 226.8                 | 1/2-20 UNF-2B | 12.7 | 13.5 | 13.5 DIA. | 31.8 | 25.4 | 130.1 | 25.4 | 76.2  | 12.7 |
| 453.6-1814.4          | 1/2-20 UNF-2B | 15.8 | 13.5 | 13.5 DIA. | 31.8 | 31.8 | 130.1 | 25.4 | 76.2  | 12.7 |
| 2268.0-4535.9         | 3/4-16 UNF-2B | 19.1 | 19.8 | 19.8 DIA. | 38.1 | 38.1 | 171.5 | 38.1 | 95.3  | 19.1 |
| 6803.9-9071.9         | 1-14 UNS-2B   | 25.4 | 26.2 | 26.2 DIA. | 50.8 | 50.8 | 225.6 | 50.8 | 124.0 | 25.4 |

### SPECIFICATIONS:

|                        |                                                  |                         |                                                                                                                                            |
|------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Full Scale Output:     | 3.0 mV/V                                         | Deflection at Capacity: | 500-1000 lb = .013"/.33mm, 2000-3000 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm, 15,000-20,000 lb = .038"/.97mm |
| Bridge Resistance:     | 350 ohms, nominal                                | Seal Type:              | Environmentally protected, IP67                                                                                                            |
| Material/Finish:       | High-alloy steel, nickel plated                  | Cable Length:           | 20'/6.1m                                                                                                                                   |
| Temperature:           | Compensated range<br>14°F to 104°F/-10°C to 40°C | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green .... + Signal<br>White .... - Signal                                           |
| Manufacturer           |                                                  | Warranty:               | 2 years                                                                                                                                    |
| Model Number:          | 65023-XX-X107 (Threaded), 65023-XX (Thru)        |                         |                                                                                                                                            |
| Safe Overload:         | 150% Full scale                                  |                         |                                                                                                                                            |
| Rated Excitation:      | 10V DC (15V maximum)                             |                         |                                                                                                                                            |
| Nonlinearity:          | 0.03% Full scale                                 |                         |                                                                                                                                            |
| Hysteresis:            | 0.02% Full scale                                 |                         |                                                                                                                                            |
| Insulation Resistance: | 5000 megohms                                     |                         |                                                                                                                                            |

### 65023 (THREADED HOLE) ORDER INFORMATION

| Load Rating                       | Part # | Suggested List Price |
|-----------------------------------|--------|----------------------|
| <b>Threaded Hole, NTEP 1:5000</b> |        |                      |
| 1000 lb (453.6 kg)                | 21507  | \$295.00             |
| 2000 lb (907.2 kg)                | 21508  | \$295.00             |
| 2500 lb (1134.0 kg)               | 21509  | \$295.00             |
| 3000 lb (1360.8 kg)               | 21510  | \$295.00             |
| 4000 lb (1814.4 kg)               | 21511  | \$295.00             |
| 5000 lb (2268.0 kg)               | 21512  | \$375.00             |
| 10,000 lb (4535.9 kg)             | 21513  | \$375.00             |
| <b>Threaded Hole, Non-NTEP</b>    |        |                      |
| 500 lb (226.8 kg)                 | 17125  | \$295.00             |
| 15,000 lb (6803.9 kg)             | 17155  | \$650.00             |
| 20,000 lb (9071.9 kg)             | 17159  | \$650.00             |

### 65023 (THRU HOLE) ORDER INFORMATION

| Load Rating                | Part # | Suggested List Price |
|----------------------------|--------|----------------------|
| <b>Thru Hole, Non-NTEP</b> |        |                      |
| 1000 lb (453.6 kg)         | 17126  | \$295.00             |
| 2000 lb (907.2 kg)         | 17130  | \$295.00             |
| 2500 lb (1134.0 kg)        | 17134  | \$295.00             |
| 4000 lb (1814.4 kg)        | 17142  | \$295.00             |
| 5000 lb (2268.0 kg)        | 17146  | \$375.00             |
| 10,000 lb (4535.9 kg)      | 17150  | \$375.00             |
| 15,000 lb (6803.9 kg)      | 17154  | \$650.00             |
| 20,000 lb (9071.9 kg)      | 17158  | \$650.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer               | Model                  |
|----------------------------|------------------------|
| Rice Lake Weighing Systems | (see page 107) RL35023 |
| Celtron                    | (see page 179) SQB     |

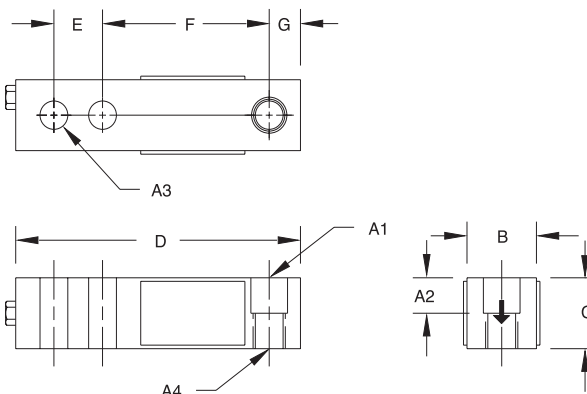
### WEIGH MODULE AVAILABLE

| Model         | Page # |
|---------------|--------|
| RL1800 Series | 40     |
| RL50210TA     | 30     |



## 65023 SS Single-Ended Beam, Stainless Steel Threaded and Thru, IP67

**EXPANDED!**  
Capacity Range



| RATED CAPACITY        | A1            | A2   | A3   | DIMENSIONS A4 | B    | C    | D     | E    | F     | G    |
|-----------------------|---------------|------|------|---------------|------|------|-------|------|-------|------|
| <b>lb/inches</b>      |               |      |      |               |      |      |       |      |       |      |
| 250-500               | 1/2-20 UNF-2B | .50  | .53  | .53 DIA.      | 1.25 | 1.00 | 5.12  | 1.00 | 3.00  | .50  |
| 1000-4000             | 1/2-20 UNF-2B | .62  | .53  | .53 DIA.      | 1.25 | 1.25 | 5.12  | 1.00 | 3.00  | .50  |
| 5000-10,000           | 3/4-16 UNF-2B | .75  | .78  | .78 DIA.      | 1.50 | 1.50 | 6.75  | 1.50 | 3.75  | .75  |
| 15,000-20,000         | 1-14 UNS-2B   | 1.00 | 1.03 | 1.03 DIA.     | 2.00 | 2.00 | 8.88  | 2.00 | 4.88  | 1.00 |
| <b>kg/millimeters</b> |               |      |      |               |      |      |       |      |       |      |
| 113.4-226.8           | 1/2-20 UNF-2B | 12.7 | 13.5 | 13.5 DIA.     | 31.8 | 25.4 | 130.1 | 25.4 | 76.2  | 12.7 |
| 453.6-1814.4          | 1/2-20 UNF-2B | 15.8 | 13.5 | 13.5 DIA.     | 31.8 | 31.8 | 130.1 | 25.4 | 76.2  | 12.7 |
| 2268.0-4535.9         | 3/4-16 UNF-2B | 19.1 | 19.8 | 19.8 DIA.     | 38.1 | 38.1 | 171.5 | 38.1 | 95.3  | 19.1 |
| 6803.9-9071.9         | 1-14 UNS-2B   | 25.4 | 26.2 | 26.2 DIA.     | 50.8 | 50.8 | 225.6 | 50.8 | 124.0 | 25.4 |

### SPECIFICATIONS:

|                    |                                                   |                         |                                                                                                                                            |
|--------------------|---------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Full Scale Output: | 3.0 mV/V                                          | Insulation Resistance:  | 5000 megohms                                                                                                                               |
| Bridge Resistance: | 350 ohms, nominal                                 | Deflection at Capacity: | 500-1000 lb = .013"/.33mm, 2000-2500 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm, 15,000-20,000 lb = .038"/.97mm |
| Material/Finish:   | Stainless steel                                   | Seal Type:              | Environmentally protected, IP67                                                                                                            |
| Temperature:       | Compensated range<br>0°F to 150°F/-18°C to 65°C   | Cable Length:           | 20'/6.1m                                                                                                                                   |
| Manufacturer       |                                                   | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ..... + Signal<br>White ..... - Signal                                         |
| Model Number:      | 65023-XX-0113 (Threaded),<br>65023-XX-0114 (Thru) | Warranty:               | 2 years                                                                                                                                    |
| Safe Overload:     | 150% Full scale                                   |                         |                                                                                                                                            |
| Rated Excitation:  | 10V DC (15V maximum)                              |                         |                                                                                                                                            |
| Nonlinearity:      | 0.03% Full scale                                  |                         |                                                                                                                                            |
| Hysteresis:        | 0.02% Full scale                                  |                         |                                                                                                                                            |

### 65023 SS ORDER INFORMATION

| Load Rating           | Part # | Suggested List Price |
|-----------------------|--------|----------------------|
| <b>Threaded Hole</b>  |        |                      |
| 250 lb (113.4 kg)     | 46499  | \$365.00             |
| 500 lb (226.8 kg)     | 17188  | \$365.00             |
| 1000 lb (453.6 kg)    | 17128  | \$345.00             |
| 2000 lb (907.2 kg)    | 17132  | \$345.00             |
| 2500 lb (1134.0 kg)   | 17136  | \$345.00             |
| 4000 lb (1814.4 kg)   | 17144  | \$345.00             |
| 5000 lb (2268.0 kg)   | 17148  | \$410.00             |
| 10,000 lb (4535.9 kg) | 17152  | \$410.00             |
| 15,000 lb (6803.9 kg) | 17156  | \$760.00             |
| 20,000 lb (9071.9 kg) | 17160  | \$760.00             |
| <b>Thru Hole</b>      |        |                      |
| 1000 lb (453.6 kg)    | 17129  | \$345.00             |
| 2000 lb (907.2 kg)    | 17133  | \$345.00             |
| 2500 lb (1134.0 kg)   | 17137  | \$345.00             |
| 4000 lb (1814.4 kg)   | 17145  | \$345.00             |
| 5000 lb (2268.0 kg)   | 17149  | \$410.00             |
| 10,000 lb (4535.9 kg) | 17153  | \$410.00             |
| 15,000 lb (6803.9 kg) | 17157  | \$760.00             |
| 20,000 lb (9071.9 kg) | 17161  | \$760.00             |

### INTERCHANGEABLE PRODUCTS

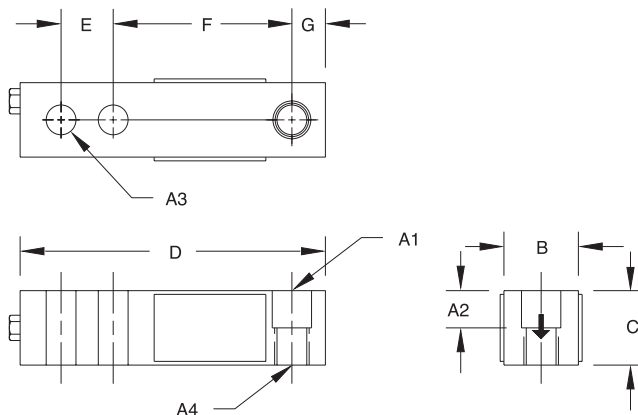
| Manufacturer               | Model                         |
|----------------------------|-------------------------------|
| Rice Lake Weighing Systems | ..... (see page 108) RL35023S |
| Sensortronics              | ..... (see page 276) 65023S   |

### WEIGH MODULE AVAILABLE

| Model         | Page # |
|---------------|--------|
| RL1800 Series | 40     |
| RL50210TA     | 30     |



## 65023 S Single-Ended Shear Beam, Stainless Steel NTEP 1:5000 Class III Multiple Cell, IP67



| RATED<br>CAPACITY     | DIMENSIONS    |      |      |           |      |      |       |      |      |      |
|-----------------------|---------------|------|------|-----------|------|------|-------|------|------|------|
|                       | A1            | A2   | A3   | A4        | B    | C    | D     | E    | F    | G    |
| <b>lb/inches</b>      |               |      |      |           |      |      |       |      |      |      |
| 1000-4000             | 1/2-20 UNF-2B | .62  | .53  | .53 DIA.  | 1.25 | 1.25 | 5.12  | 1.00 | 3.00 | .50  |
| 5000-10,000           | 3/4-16 UNF-2B | .75  | .78  | .78 DIA.  | 1.50 | 1.50 | 6.75  | 1.50 | 3.75 | .75  |
| <b>kg/millimeters</b> |               |      |      |           |      |      |       |      |      |      |
| 453.6-1814.4          | 1/2-20 UNF-2B | 15.8 | 13.5 | 13.5 DIA. | 31.8 | 31.8 | 130.1 | 25.4 | 76.2 | 12.7 |
| 2268.0-4535.9         | 3/4-16 UNF-2B | 19.1 | 19.8 | 19.8 DIA. | 38.1 | 38.1 | 171.5 | 38.1 | 95.3 | 19.1 |

### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V  
Bridge Resistance: 350 ohms, nominal  
Material/Finish: Stainless steel  
Temperature: Compensated range  
14°F to 104°F/-10°C to 40°C  
Manufacturer  
Model Number: 65023S-XX-5113  
Safe Overload: 150% Full scale  
Rated Excitation: 10V DC (15V maximum)  
Nonlinearity: 0.03% Full scale  
Hysteresis: 0.02% Full scale

Insulation Resistance: 5000 megohms  
Deflection at Capacity: 1000 lb = .013"/.33mm, 2000-2500 lb = .015"/.38mm,  
4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm  
Seal Type: Environmentally protected, IP67  
Cable Length: 20'/6.1m  
Cable Color Code: Red ..... + Excitation  
Black ..... - Excitation  
Green ..... + Signal  
White ..... - Signal  
Warranty: 2 years

### 65023 S ORDER INFORMATION

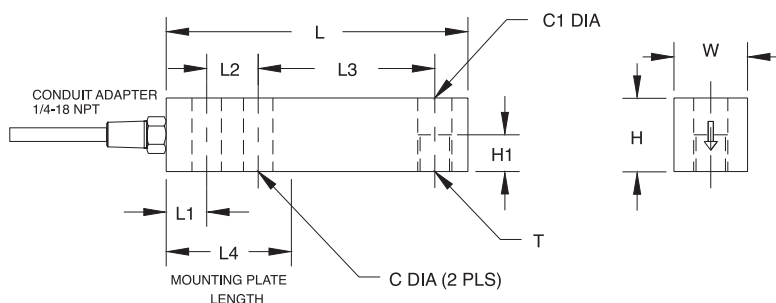
| Load Rating                 | Part #      | Suggested List Price |
|-----------------------------|-------------|----------------------|
| <b>Threaded Hole</b>        |             |                      |
| 1000 lb (453.6 kg) .....    | 28925 ..... | \$365.00             |
| 2000 lb (907.2 kg) .....    | 28926 ..... | \$365.00             |
| 2500 lb (1134.0 kg) .....   | 28927 ..... | \$365.00             |
| 4000 lb (1814.4 kg) .....   | 28929 ..... | \$365.00             |
| 5000 lb (2268.0 kg) .....   | 28930 ..... | \$430.00             |
| 10,000 lb (4535.9 kg) ..... | 28931 ..... | \$430.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer                     | Model                   |
|----------------------------------|-------------------------|
| Rice Lake Weighing Systems ..... | (see page 108) RL35023S |
| Sensortronics .....              | (see page 275) 65023 SS |

### WEIGH MODULE AVAILABLE

| Model               | Page # |
|---------------------|--------|
| RL1800 Series ..... | 40     |
| RL50210TA .....     | 30     |



| RATED CAPACITY        | DIMENSIONS |      |      |      |       |      |      |      |      |               |      |
|-----------------------|------------|------|------|------|-------|------|------|------|------|---------------|------|
|                       | C          | C1   | H    | H1   | L     | L1   | L2   | L3   | L4   | T             | W    |
| <b>lb/inches</b>      |            |      |      |      |       |      |      |      |      |               |      |
| 1000-4000             | .53        | .53  | 1.22 | .61  | 5.12  | .62  | 1.00 | 3.00 | 2.25 | 1/2-20 UNF-2B | 1.22 |
| 5000-10,000           | .78        | .78  | 1.50 | .75  | 6.75  | .75  | 1.50 | 3.75 | 3.00 | 3/4-16 UNF-2B | 1.50 |
| <b>kg/millimeters</b> |            |      |      |      |       |      |      |      |      |               |      |
| 453.6-1814.4          | 13.5       | 13.5 | 31.0 | 15.5 | 130.0 | 15.7 | 25.4 | 76.2 | 57.2 | 1/2-20 UNF-2B | 31.0 |
| 2268.0-4535.9         | 19.8       | 19.8 | 38.1 | 19.1 | 171.5 | 19.1 | 38.1 | 95.3 | 76.2 | 3/4-16 UNF-2B | 38.1 |

|                    |                                               |                         |                                                                                                  |
|--------------------|-----------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------|
| Full Scale Output: | 3.0 mV/V                                      | Insulation Resistance:  | 5000 megohms                                                                                     |
| Bridge Resistance: | 350 ohms, nominal                             | Deflection at Capacity: | 1000 lb = .013"/.33mm, 2500 lb = .015"/.38mm,                                                    |
| Material/Finish:   | Stainless steel                               |                         | 4000-5000 lb = .025"/.64mm,                                                                      |
| Temperature:       | Operating range<br>0°F to 150°F/-18°C to 65°C | Seal Type:              | 10,000 lb = .032"/.81mm<br>Welded seal*, IP67                                                    |
| Manufacturer       |                                               | Cable Length:           | 20'/6.1m                                                                                         |
| Model Number:      | 65083-XX-0100                                 | Conduit Adapter Size:   | 1/4-18 NPT                                                                                       |
| Safe Overload:     | 150% Full scale                               | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ... + Signal<br>White ..... - Signal |
| Rated Excitation:  | 10V DC (15V maximum)                          |                         |                                                                                                  |
| Combined Error:    | 0.3% Full scale                               |                         |                                                                                                  |
| Non-repeatability: | 0.01% Full scale                              | Warranty:               | 2 years                                                                                          |

| Load Rating           | Part # | Suggested List Price |
|-----------------------|--------|----------------------|
| 1000 lb (453.6 kg)    | 17262  | \$405.00             |
| 2500 lb (1134.0 kg)   | 17263  | \$405.00             |
| 4000 lb (1814.4 kg)   | 17264  | \$405.00             |
| 5000 lb (2268.0 kg)   | 17265  | \$455.00             |
| 10,000 lb (4535.9 kg) | 17266  | \$455.00             |

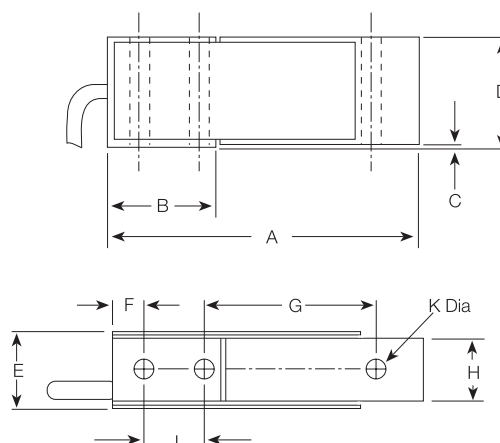
| Manufacturer                                    | Model   |
|-------------------------------------------------|---------|
| Rice Lake Weighing Systems ..... (see page 108) | RL35083 |

| Model               | Page # |
|---------------------|--------|
| RL1800 Series ..... | 40     |
| RL50210TA .....     | 30     |





## 65007 Single-Ended Beam, Alloy Steel, IP67



| RATED CAPACITY        | DIMENSIONS |      |     |      |      |     |      |      |      |      |
|-----------------------|------------|------|-----|------|------|-----|------|------|------|------|
|                       | A          | B    | C   | D    | E    | F   | G    | H    | J    | K    |
| <b>lb/inches</b>      |            |      |     |      |      |     |      |      |      |      |
| 25-250                | 2.38       | .90  | .03 | 1.00 | .63  | .25 | 1.31 | .50  | .50  | .171 |
| <b>kg/millimeters</b> |            |      |     |      |      |     |      |      |      |      |
| 11.3-113.4            | 60.5       | 22.9 | .76 | 25.4 | 16.0 | 6.4 | 33.3 | 12.7 | 12.7 | 4.3  |

### SPECIFICATIONS:

|                    |                                                 |                        |                                                                                                  |
|--------------------|-------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------|
| Full Scale Output: | 3.0 mV/V                                        | Hysteresis:            | 0.02% Full scale                                                                                 |
| Bridge Resistance: | 350 ohms, nominal                               | Insulation Resistance: | 5000 megohms                                                                                     |
| Material/Finish:   | High-alloy steel, nickel plated                 | Seal Type:             | Environmentally protected, IP67                                                                  |
| Temperature:       | Compensated range<br>0°F to 150°F/-18°C to 65°C | Cable Length:          | 20'/6.1m                                                                                         |
| Manufacturer:      |                                                 | Cable Color Code:      | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ... + Signal<br>White ..... - Signal |
| Model Number:      | 65007                                           | Warranty:              | 2 years                                                                                          |
| Safe Overload:     | 150% Full scale                                 |                        |                                                                                                  |
| Rated Excitation:  | 10V DC                                          |                        |                                                                                                  |
| Nonlinearity:      | 0.03% Full scale                                |                        |                                                                                                  |

### 65007 ORDER INFORMATION

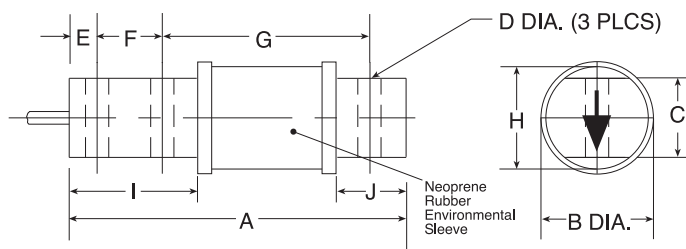
| Load Rating             | Part #      | Suggested List Price |
|-------------------------|-------------|----------------------|
| 25 lb (11.3 kg) .....   | 30158 ..... | \$250.00             |
| 50 lb (22.7 kg) .....   | 30159 ..... | \$250.00             |
| 75 lb (34.0 kg) .....   | 30160 ..... | \$250.00             |
| 150 lb (68.0 kg) .....  | 17457 ..... | \$250.00             |
| 250 lb (113.4 kg) ..... | 17458 ..... | \$250.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer             | Model              |
|--------------------------|--------------------|
| Celtron .....            | (see page 180) MBB |
| Interface® .....         | MB                 |
| Revere Transducers ..... | CBU                |



## 60040 Single-Ended Beam, Alloy Steel, IP65



### RATED CAPACITY

|                       | A    | B    | C    | D   | DIMENSIONS |      |      |      |      |      |
|-----------------------|------|------|------|-----|------------|------|------|------|------|------|
|                       | E    | F    | G    | H   | I          | J    |      |      |      |      |
| <b>lb/inches</b>      |      |      |      |     |            |      |      |      |      |      |
| 25-500                | 2.81 | 1.30 | .62  | .26 | .25        | .50  | 1.81 | 1.00 | 1.00 | 1.00 |
| <b>kg/millimeters</b> |      |      |      |     |            |      |      |      |      |      |
| 11.3-226.8            | 71.4 | 33.0 | 15.8 | 6.6 | 6.4        | 12.7 | 46.0 | 25.4 | 25.4 | 12.7 |

### SPECIFICATIONS:

|                    |                                                 |                         |                                                                                                              |
|--------------------|-------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Full Scale Output: | 3.0 mV/V                                        | Insulation Resistance:  | 5000 megohms                                                                                                 |
| Bridge Resistance: | 350 ohms, nominal                               | Deflection at Capacity: | 25-50 lb = .008"/20mm, 75-100 lb = .010"/25mm, 150 lb = .012"/30mm, 250 lb = .016"/41mm, 500 lb = .025"/64mm |
| Material/Finish:   | High-alloy steel, nickel plated                 | Seal Type:              | Environmentally protected with a neoprene sleeve, IP65                                                       |
| Temperature:       | Compensated range<br>0°F to 150°F/-18°C to 65°C | Cable Length:           | 20'/6.1m                                                                                                     |
| Manufacturer       |                                                 | Cable Color Code:       | Red ..... + Excitation<br>Black .... - Excitation<br>Green ... + Signal<br>White ... - Signal                |
| Model Number:      | 60040                                           | Warranty:               | 2 years                                                                                                      |
| Safe Overload:     | 150% Full scale                                 |                         |                                                                                                              |
| Rated Excitation:  | 10V DC (15V maximum)                            |                         |                                                                                                              |
| Nonlinearity:      | 0.03% Full scale                                |                         |                                                                                                              |
| Hysteresis:        | 0.02% Full scale                                |                         |                                                                                                              |

### 60040 ORDER INFORMATION

| Load Rating       | Part # | Suggested List Price |
|-------------------|--------|----------------------|
| 25 lb (11.3 kg)   | 17369  | \$245.00             |
| 50 lb (22.7 kg)   | 17370  | \$245.00             |
| 75 lb (34.0 kg)   | 17371  | \$245.00             |
| 100 lb (45.4 kg)  | 17372  | \$245.00             |
| 150 lb (68.0 kg)  | 17373  | \$245.00             |
| 250 lb (113.4 kg) | 17374  | \$245.00             |
| 500 lb (226.8 kg) | 17375  | \$245.00             |

### INTERCHANGEABLE PRODUCTS

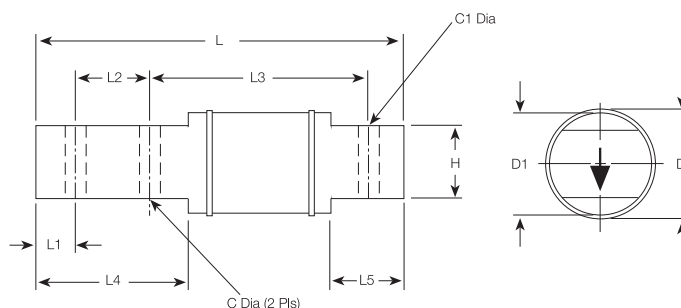
| Manufacturer               | Model                    |
|----------------------------|--------------------------|
| Rice Lake Weighing Systems | (see page 120) RL50210   |
| Revere Transducers         | 5503                     |
| Artech                     | 50210                    |
| Rice Lake Weighing Systems | (see page 121) RL50210SS |

### WEIGH MODULE AVAILABLE

| Model      | Page# |
|------------|-------|
| RL50210 TA | 30    |



## 60030 Single-Ended Beam, Alloy Steel, IP65



### RATED CAPACITY

**lb/inches**  
50-300

| C   | C1   | D    | D1   | H   | L    | L1  | L2  | L3   | L4   | L5  |
|-----|------|------|------|-----|------|-----|-----|------|------|-----|
| .26 | .172 | 1.12 | 1.00 | .62 | 3.75 | .25 | .50 | 2.75 | 1.00 | .69 |

**kg/millimeters**  
22.7-136.1

|     |     |      |      |      |      |     |      |      |      |      |
|-----|-----|------|------|------|------|-----|------|------|------|------|
| 6.6 | 4.4 | 28.5 | 25.4 | 15.8 | 95.3 | 6.4 | 12.7 | 69.9 | 25.4 | 17.5 |
|-----|-----|------|------|------|------|-----|------|------|------|------|

### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V  
 Bridge Resistance: 350 ohms, nominal  
 Material/Finish: High-alloy steel, nickel plated  
 Temperature: Compensated range  
 0°F to 150°F/-18°C to 65°C  
 Manufacturer  
 Model Number: 60030  
 Safe Overload: 150% Full scale  
 Rated Excitation: 10V DC  
 Nonlinearity: 0.04% Full scale  
 Hysteresis: 0.02% Full scale

Insulation Resistance: 5000 megohms  
 Seal Type: Environmentally protected with a neoprene sleeve, IP65  
 Cable Length: 20'/6.1m  
 Cable Color Code: Red ..... + Excitation  
 Black ..... - Excitation  
 Green ... + Signal  
 White ..... - Signal  
 Warranty: 2 years

### 60030 ORDER INFORMATION

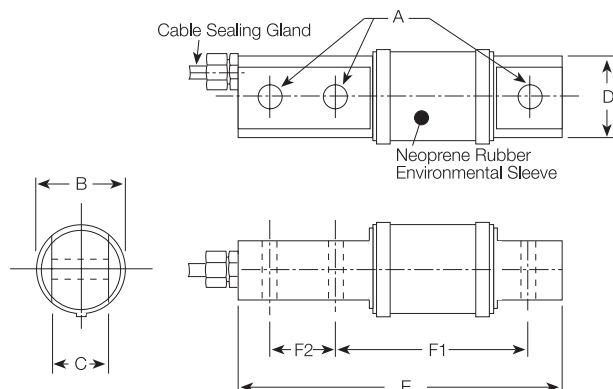
| Load Rating             | Part #      | Suggested List Price |
|-------------------------|-------------|----------------------|
| 50 lb (22.7 kg) .....   | 17365 ..... | \$315.00             |
| 75 lb (34.0 kg) .....   | 17366 ..... | \$315.00             |
| 150 lb (68.0 kg) .....  | 17367 ..... | \$315.00             |
| 300 lb (136.1 kg) ..... | 17368 ..... | \$315.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer       | Model     |
|--------------------|-----------|
| Electroscale ..... | LCB Bases |



## 60018 Single-Ended Beam, Alloy Steel, IP65



### RATED CAPACITY

**lb/inches**  
500-2500

**A**

**B**

**C**

**D**

**E**

**F1**

**F2**

**kg/millimeters**  
226.8-1134.0

13.2

35.1

19.1

31.8

130.1

76.2

25.4

### DIMENSIONS

### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V  
Bridge Resistance: 350 ohms, nominal  
Material/Finish: High-alloy steel, nickel plated  
Temperature: Compensated range  
0°F to 150°F/-18°C to 65°C  
Manufacturer  
Model Number: 60018  
Safe Overload: 150% Full scale  
Rated Excitation: 10V DC (15V maximum)  
Nonlinearity: 0.05% Full scale  
Hysteresis: 0.03% Full scale

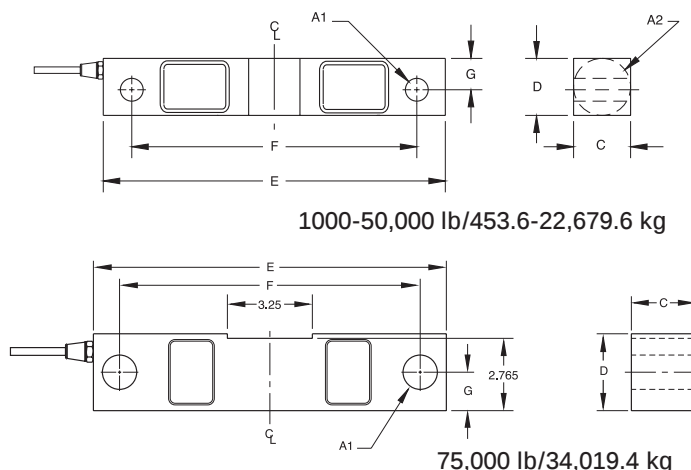
Insulation Resistance: 5000 megohms  
Seal Type: Environmentally protected with a neoprene sleeve, IP65  
Cable Length: 20'/6.1m  
Cable Color Code: Red ..... + Excitation  
Black ..... - Excitation  
Green ... + Signal  
White ..... - Signal  
Warranty: 2 years

### 60018 ORDER INFORMATION

| Load Rating               | Part #      | Suggested List Price |
|---------------------------|-------------|----------------------|
| 500 lb (226.8 kg) .....   | 17362 ..... | \$415.00             |
| 1000 lb (453.6 kg) .....  | 17363 ..... | \$415.00             |
| 2500 lb (1134.0 kg) ..... | 17364 ..... | \$415.00             |



## 65016 Double-Ended Beam, Alloy Steel, IP67



| RATED CAPACITY        | A1   | A2   | C    | D    | E     | F     | G    | CONDUIT ADAPTER |
|-----------------------|------|------|------|------|-------|-------|------|-----------------|
| <b>lb/inches</b>      |      |      |      |      |       |       |      |                 |
| 1000-5000             | .50  | 1.25 | 1.25 | 1.25 | 7.50  | 6.25  | .69  | 1/4-18 NPT      |
| 10,000-25,000         | .81  | 1.99 | 1.44 | 1.94 | 8.75  | 7.50  | .96  | 1/4-18 NPT      |
| 35,000                | .81  | 2.50 | 1.50 | 2.50 | 8.75  | 7.50  | —    |                 |
| 50,000                | 1.31 | 3.00 | 2.44 | 2.94 | 13.50 | 11.50 | 1.50 | 1/2-14 NPT      |
| 75,000                | 1.31 | —    | 2.44 | 2.94 | 13.50 | 11.50 | 1.47 | 1/2-14 NPT      |
| <b>kg/millimeters</b> |      |      |      |      |       |       |      |                 |
| 453.6-2268.0          | 12.7 | 31.8 | 31.8 | 31.8 | 190.5 | 158.8 | 17.5 | 1/4-18 NPT      |
| 4535.9-15,876.0       | 20.6 | 50.8 | 36.6 | 49.3 | 222.3 | 190.5 | 24.4 | 1/4-18 NPT      |
| 22,679.6              | 33.3 | 76.2 | 62.0 | 74.7 | 342.9 | 292.1 | 38.1 | 1/2-14 NPT      |
| 34,019.4              | 33.3 | —    | 62.0 | 74.7 | 342.9 | 292.1 | 37.3 | 1/2-14 NPT      |

### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V nominal  
 Bridge Resistance: 700 ohms, nominal  
 Material/Finish: High-alloy steel, nickel plated  
 Temperature: Compensated range  
 0°F to 150°F/-18°C to 65°C  
 Manufacturer: 65016-XX  
 Model Number: 150% Full scale  
 Safe Overload: 10V AC/DC (25V maximum)  
 Rated Excitation:

Nonlinearity: 0.03% Full scale  
 Hysteresis: 0.02% Full scale  
 Insulation Resistance: 5000 megohms  
 Seal Type: Environmentally protected, IP67  
 Cable Length: 25'/7.6m  
 Cable Color Code: Red ..... + Excitation  
 Black ..... - Excitation  
 Green ... + Signal  
 White ..... - Signal  
 Warranty: 2 years

### 65016 ORDER INFORMATION

| Load Rating                   | Part #      | Suggested List Price |
|-------------------------------|-------------|----------------------|
| 1000 lb (453.6 kg) .....      | 17268 ..... | \$550.00             |
| 1500 lb (680.4 kg) .....      | 17270 ..... | \$550.00             |
| 2500 lb (1134.0 kg) .....     | 17273 ..... | \$550.00             |
| 5000 lb (2268.0 kg) .....     | 17275 ..... | \$550.00             |
| 10,000 lb (4535.9 kg) .....   | 17277 ..... | \$625.00             |
| 15,000 lb (6803.9 kg) .....   | 17279 ..... | \$625.00             |
| 20,000 lb (9071.9 kg) .....   | 17281 ..... | \$625.00             |
| 25,000 lb (11,339.8 kg) ..... | 17282 ..... | \$625.00             |
| 35,000 lb (15,876.0 kg) ..... | 46498 ..... | \$830.00             |
| 50,000 lb (22,679.6 kg) ..... | 17284 ..... | \$950.00             |
| 75,000 lb (34,019.4 kg) ..... | 25358 ..... | \$950.00             |

NOTE: 75,000 lb capacity has a square center.

### INTERCHANGEABLE PRODUCTS

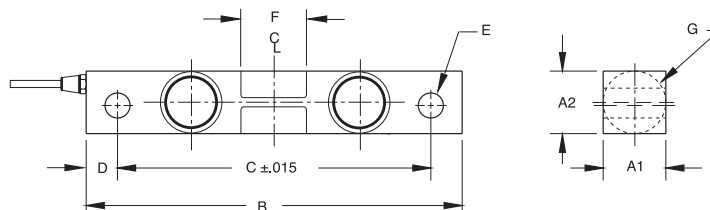
| Manufacturer                     | Model                  |
|----------------------------------|------------------------|
| Rice Lake Weighing Systems ..... | (see page 134) RL75016 |
| Celtron .....                    | (see page 182) DSR     |
| Revere Transducers .....         | 5203                   |

### WEIGH MODULE AVAILABLE

| Model               | Page # |
|---------------------|--------|
| RL1600 Series ..... | 58-64  |



## 65016W Double-Ended Beam, Stainless Steel Welded Seal, IP67



| RATED<br>CAPACITY | DIMENSIONS |      |       |       |      |      |      |      | CONDUIT<br>ADAPTER |
|-------------------|------------|------|-------|-------|------|------|------|------|--------------------|
|                   | A1         | A2   | B     | C     | D    | E    | F    | G    |                    |
| lb/inches         |            |      |       |       |      |      |      |      |                    |
| 1000-5000         | 1.22       | 1.22 | 7.50  | 6.25  | .62  | .50  | 1.12 | 1.25 | 1/4-18NPT          |
| 10,000-25,000     | 1.44       | 1.94 | 8.75  | 7.50  | .62  | .81  | 1.62 | 1.99 | 1/4-18NPT          |
| 50,000-75,000     | 2.44       | 2.94 | 13.50 | 11.50 | 1.00 | 1.31 | 3.25 | 2.99 | 1/2-14NPT          |
| kg/millimeters    |            |      |       |       |      |      |      |      |                    |
| 453.6-2268.0      | 31.0       | 31.0 | 190.5 | 158.8 | 15.7 | 12.7 | 28.4 | 31.8 | 1/4-18NPT          |
| 4535.9-11,339.8   | 36.6       | 49.3 | 222.3 | 190.5 | 15.7 | 20.6 | 41.1 | 50.5 | 1/4-18NPT          |
| 15,876.0          | 36.6       | 62.0 | 222.3 | 190.5 | 15.7 | 20.6 | 41.1 | 63.5 | 1/4-18NPT          |
| 22,679.6-34,019.4 | 62.0       | 74.7 | 342.9 | 292.1 | 25.4 | 33.3 | 82.6 | 75.9 | 1/2-14NPT          |

### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V nominal  
Bridge Resistance: 700 ohms, nominal  
Material/Finish: Stainless steel  
Temperature: Compensated range  
0°F to 150°F/-18°C to 65°C

Manufacturer  
Model Number: 65016W-XX-0104W  
Safe Overload: 150% Full scale  
Rated Excitation: 10V AC/DC (25V maximum)

Nonlinearity: 0.03% Full scale  
Hysteresis: 0.02% Full scale  
Insulation Resistance: 5000 megohms  
Seal Type: Welded seal, IP67  
Cable Length: 25'/7.6m  
Cable Color Code: Red ..... + Excitation  
Black ..... - Excitation  
Green ... + Signal  
White ..... - Signal  
Warranty: 2 years

### 65016W ORDER INFORMATION

| Load<br>Rating                | Part #      | Suggested<br>List Price |
|-------------------------------|-------------|-------------------------|
| 1000 lb (453.6 kg) .....      | 36295 ..... | \$595.00                |
| 1500 lb (680.4 kg) .....      | 36296 ..... | \$595.00                |
| 2000 lb (907.2 kg) .....      | 36297 ..... | \$595.00                |
| 2500 lb (1134.0 kg) .....     | 36298 ..... | \$595.00                |
| 5000 lb (2268.0 kg) .....     | 36299 ..... | \$595.00                |
| 10,000 lb (4535.9 kg) .....   | 36300 ..... | \$675.00                |
| 15,000 lb (6803.9 kg) .....   | 36301 ..... | \$675.00                |
| 20,000 lb (9071.9 kg) .....   | 36302 ..... | \$675.00                |
| 25,000 lb (11,339.8 kg) ..... | 36303 ..... | \$675.00                |
| 50,000 lb (22,679.6 kg) ..... | 36304 ..... | \$1,150.00              |
| 75,000 lb (34,019.4 kg) ..... | 36305 ..... | \$1,150.00              |

NOTE: 75,000 lb capacity has a square center.

### INTERCHANGEABLE PRODUCTS

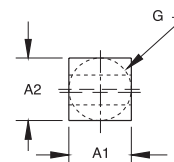
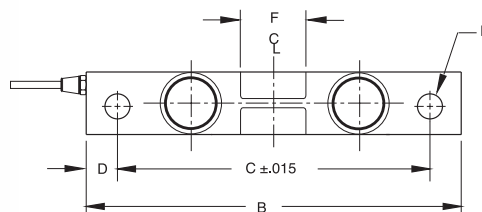
| Manufacturer                     | Model                    |
|----------------------------------|--------------------------|
| Rice Lake Weighing Systems ..... | (see page 139) RL75016HE |

### WEIGH MODULE AVAILABLE

| Model               | Page # |
|---------------------|--------|
| RL1600 Series ..... | 58-64  |



## 65016WH Double-Ended Beam, Stainless Steel Hermetically Sealed, IP68



| RATED CAPACITY        | A1   | A2   | B     | C     | D    | E    | F    | G    | CONDUIT ADAPTER |
|-----------------------|------|------|-------|-------|------|------|------|------|-----------------|
| <b>lb/inches</b>      |      |      |       |       |      |      |      |      |                 |
| 1000-5000             | 1.22 | 1.22 | 7.50  | 6.25  | .62  | .50  | 1.12 | 1.25 | 1/2-14 NPT      |
| 10,000-25,000         | 1.44 | 1.94 | 8.75  | 7.50  | .62  | .81  | 1.62 | 1.99 | 1/2-14 NPT      |
| 50,000-75,000         | 2.44 | 2.94 | 13.50 | 11.50 | 1.00 | 1.31 | 3.25 | 2.99 | 1/2-14 NPT      |
| <b>kg/millimeters</b> |      |      |       |       |      |      |      |      |                 |
| 453.6-2268.0          | 31.0 | 31.0 | 190.5 | 158.8 | 15.7 | 12.7 | 28.4 | 31.8 |                 |
| 4535.9-11,339.8       | 36.6 | 49.3 | 222.3 | 190.5 | 15.7 | 20.6 | 41.1 | 50.5 |                 |
| 15,876.0              | 36.6 | 62.0 | 222.3 | 190.5 | 15.7 | 20.6 | 41.1 | 63.5 |                 |
| 22,679.6-34,019.4     | 62.0 | 74.7 | 342.9 | 292.1 | 25.4 | 33.3 | 82.6 | 75.9 |                 |

### SPECIFICATIONS:

|                    |                                                 |                        |                                                                                                  |
|--------------------|-------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------|
| Full Scale Output: | 3.0 mV/V nominal                                | Nonlinearity:          | 0.03% Full scale                                                                                 |
| Bridge Resistance: | 700 ohms, nominal                               | Hysteresis:            | 0.02% Full scale                                                                                 |
| Material/Finish:   | Stainless steel                                 | Insulation Resistance: | 5000 megohms                                                                                     |
| Temperature:       | Compensated range<br>0°F to 150°F/-18°C to 65°C | Seal Type:             | Hermetically seal, IP68                                                                          |
| Manufacturer       |                                                 | Cable Length:          | 25'/7.6m                                                                                         |
| Model Number:      | 65016W-XX-0104WH                                | Cable Color Code:      | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ... + Signal<br>White ..... - Signal |
| Safe Overload:     | 150% Full scale                                 | Warranty:              | 2 years                                                                                          |
| Rated Excitation:  | 10V AC/DC (25V maximum)                         |                        |                                                                                                  |

### 65016W ORDER INFORMATION

| Load Rating                   | Part #      | Suggested List Price |
|-------------------------------|-------------|----------------------|
| 1000 lb (453.6 kg) .....      | 65827 ..... | \$675.00             |
| 1500 lb (680.4 kg) .....      | 65828 ..... | \$675.00             |
| 2000 lb (907.2 kg) .....      | 65829 ..... | \$675.00             |
| 2500 lb (1134.0 kg) .....     | 65830 ..... | \$675.00             |
| 5000 lb (2268.0 kg) .....     | 65831 ..... | \$675.00             |
| 10,000 lb (4535.9 kg) .....   | 65832 ..... | \$755.00             |
| 15,000 lb (6803.9 kg) .....   | 65833 ..... | \$755.00             |
| 20,000 lb (9071.9 kg) .....   | 65834 ..... | \$755.00             |
| 25,000 lb (11,339.8 kg) ..... | 65835 ..... | \$755.00             |
| 50,000 lb (22,679.6 kg) ..... | 65836 ..... | \$1,150.00           |
| 75,000 lb (34,019.4 kg) ..... | 65837 ..... | \$1,150.00           |

NOTE: 75,000 lb capacity has a square center.

### INTERCHANGEABLE PRODUCTS

| Manufacturer                     | Model                    |
|----------------------------------|--------------------------|
| Rice Lake Weighing Systems ..... | (see page 139) RL75016HE |
| Sensortronics .....              | 65016W                   |

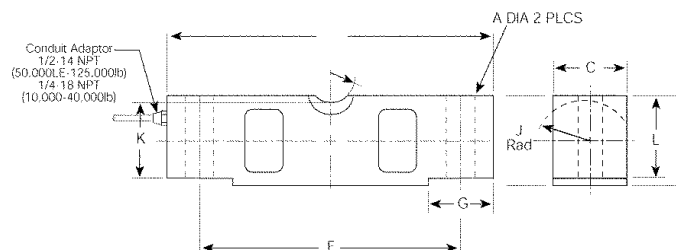
### WEIGH MODULE AVAILABLE

| Model               | Page # |
|---------------------|--------|
| RL1600 Series ..... | 58-64  |



## 65058 Double-Ended Beam, Alloy Steel NTEP 1:6000/1:10,000 Class IIIL Multiple Cell, IP67

**NEW  
PRODUCT**



| RATED CAPACITY        | A    | C    | D    | E     | F     | G    | H    | J    | K    | L    |
|-----------------------|------|------|------|-------|-------|------|------|------|------|------|
| <b>lb/inches</b>      |      |      |      |       |       |      |      |      |      |      |
| 10,000-25,000         | .68  | 1.69 | 1.94 | 7.75  | 6.50  | 1.38 | .75  | .90  | 1.63 | 1.70 |
| 40,000-50,000SE*      | .81  | 1.94 | 2.44 | 10.25 | 8.50  | 1.93 | 1.00 | 1.12 | 2.00 | 2.10 |
| 50,000LE-75,000       | 1.06 | 2.44 | 2.94 | 10.25 | 8.50  | 1.93 | 1.00 | 1.37 | 2.54 | 2.65 |
| 100,000-125,000       | 1.62 | 2.90 | 3.86 | 15.25 | 12.75 | 3.13 | 1.50 | 1.80 | 3.30 | 3.43 |
| <b>kg/millimeters</b> |      |      |      |       |       |      |      |      |      |      |
| 4535.9-11,339.8       | 17.3 | 42.9 | 49.3 | 196.9 | 165.1 | 35.1 | 19.1 | 22.9 | 41.4 | 43.2 |
| 18,143.7-22,679.6SE   | 20.6 | 49.3 | 62.0 | 260.4 | 215.9 | 49.0 | 25.4 | 28.5 | 50.8 | 53.3 |
| 22,679.6LE-34,019.4   | 26.9 | 62.0 | 74.7 | 260.4 | 215.9 | 49.0 | 25.4 | 34.8 | 64.5 | 67.3 |
| 45,359.4-56,699.1     | 41.2 | 73.7 | 98.0 | 387.4 | 323.9 | 79.5 | 38.1 | 45.7 | 83.8 | 87.1 |

### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V  
Bridge Resistance: 700 ohms, nominal  
Material/Finish: High-alloy steel, nickel plated  
Temperature: Compensated range  
14°F to 104°F/-10°C to 40°C  
Mfr. Model Number: 65058A-XX-6000 (1:6000)  
65058A-XX-1000 (1:10,000)  
Safe Overload: 150% Full scale  
Rated Excitation: 10V DC (25V maximum)  
Nonlinearity: 0.03% Full scale

Hysteresis: 0.02% Full scale  
Insulation Resistance: 5000 megohms  
Seal Type: Environmentally protected, IP67  
Cable Length: 35'/10.6m  
Cable Coloring: Red ..... + Excitation  
Black ..... - Excitation  
Green ... + Signal  
White ..... - Signal  
Warranty: 2 years

### 65058 ORDER INFORMATION

| Load Rating                     | Part #      | Suggested List Price |
|---------------------------------|-------------|----------------------|
| <b>NTEP 1:6000</b>              |             |                      |
| 20,000 lb (9071.9 kg) .....     | 21560 ..... | \$615.00             |
| 25,000 lb (11,339.8 kg) .....   | 21561 ..... | \$615.00             |
| 40,000 lb (18,143.7 kg) .....   | 21586 ..... | \$740.00             |
| 50,000 lbLE (22,679.6 kg) ..... | 21562 ..... | \$815.00             |
| 60,000 lb (27,215.5 kg) .....   | 21563 ..... | \$815.00             |
| 75,000 lb (34,019.4 kg) .....   | 21564 ..... | \$815.00             |
| 100,000 lb (45,359.4 kg) .....  | 21587 ..... | \$1,555.00           |
| 125,000 lb (56,699.1 kg) .....  | 21588 ..... | \$1,555.00           |

|                                  |             |            |
|----------------------------------|-------------|------------|
| <b>NTEP 1:10,000</b>             |             |            |
| 20,000 lb (9071.9 kg) .....      | 21592 ..... | \$635.00   |
| 25,000 lb (11,339.8 kg) .....    | 21593 ..... | \$635.00   |
| 40,000 lb (18,143.7 kg) .....    | 21608 ..... | \$760.00   |
| 50,000 lbSE* (22,679.6 kg) ..... | 26081 ..... | \$910.00   |
| 50,000 lbLE (22,679.6 kg) .....  | 21594 ..... | \$835.00   |
| 60,000 lb (27,215.5 kg) .....    | 21595 ..... | \$835.00   |
| 75,000 lb (34,019.4 kg) .....    | 21596 ..... | \$835.00   |
| 100,000 lb (45,359.4 kg) .....   | 21609 ..... | \$1,575.00 |
| 125,000 lb (56,699.1 kg) .....   | 21610 ..... | \$1,575.00 |

|                             |             |          |
|-----------------------------|-------------|----------|
| <b>Non-NTEP</b>             |             |          |
| 10,000 lb (4535.9 kg) ..... | 17287 ..... | \$615.00 |

### 65058A ORDER INFORMATION

| Load Rating                  | Part #      | Suggested List Price |
|------------------------------|-------------|----------------------|
| <b>60' Cable</b>             |             |                      |
| 75000 lb (34,019.4 kg) ..... | 39459 ..... | \$860.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer                     | Model                  |
|----------------------------------|------------------------|
| Rice Lake Weighing Systems ..... | (see page 137) RL75058 |
| Celtron .....                    | (see page 183) CLB     |
| Tedea .....                      | (see page 311) 4158    |

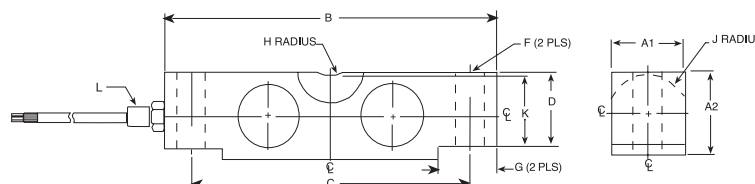
### WEIGH MODULE AVAILABLE

| Model         | Page # |
|---------------|--------|
| 2100 HE ..... | 20     |
| TSA .....     | 72     |

\* Howe-Richardson LOAD STAR 65058A-50K-1127



## 65058 S Double-Ended Beam, Stainless Steel Welded Seal, NTEP 1:10,000 Class IIIL Multiple Cell, IP67



| RATED CAPACITY        | A    | A2   | B     | C     | D    | F    | G    | H    | J    | K    | L         |
|-----------------------|------|------|-------|-------|------|------|------|------|------|------|-----------|
| <b>lb/inches</b>      |      |      |       |       |      |      |      |      |      |      |           |
| 20,000-25,000         | 1.69 | 1.94 | 7.75  | 6.50  | 1.70 | .68  | 1.38 | .75  | .90  | 1.63 | 1/4-18NPT |
| 35,000-75,000         | 2.44 | 2.94 | 10.25 | 8.50  | 2.65 | 1.06 | 1.93 | 1.00 | 1.37 | 2.54 | 1/2-14NPT |
| 100,000               | 2.44 | 3.44 | 10.25 | 8.50  | 2.65 | 1.06 | 1.93 | 1.00 | 1.37 | 2.54 | 1/2-14NPT |
| <b>kg/millimeters</b> |      |      |       |       |      |      |      |      |      |      |           |
| 9072-11340            | 43.0 | 49.3 | 196.9 | 165.1 | 43.2 | 17.3 | 35.1 | 19.1 | 22.9 | 41.4 | 1/4-18NPT |
| 15876-34020           | 62.0 | 74.7 | 260.4 | 216.0 | 67.3 | 27.0 | 49.0 | 25.4 | 34.8 | 64.5 | 1/2-14NPT |
| 45360                 | 62.0 | 87.4 | 260.4 | 216.0 | 67.3 | 27.0 | 49.0 | 25.4 | 34.8 | 64.5 | 1/2-14NPT |

### SPECIFICATIONS:

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Full Scale Output: | 3.0 mV/V                                         |
| Bridge Resistance: | 700 ohms, nominal                                |
| Material/Finish:   | Stainless steel                                  |
| Temperature:       | Compensated range<br>14°F to 104°F/-10°C to 40°C |
| Manufacturer       |                                                  |
| Model Number:      | 65058S-XX-1000W                                  |
| Safe Overload:     | 150% Full scale                                  |
| Rated Excitation:  | 10V DC (25V maximum)                             |
| Nonlinearity:      | 0.03% Full scale                                 |

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| Hysteresis:            | 0.02% Full scale                                                                                 |
| Insulation Resistance: | 5000 ohms                                                                                        |
| Seal Type:             | Hermetically sealed, IP67                                                                        |
| Cable Length:          | 35'/10.6m                                                                                        |
| Cable Coloring:        | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ... + Output<br>White ..... - Output |
| Warranty:              | 2 years                                                                                          |

### 65058 S ORDER INFORMATION

| Load Rating                    | Part #      | Suggested List Price |
|--------------------------------|-------------|----------------------|
| <b>35 ft Cables</b>            |             |                      |
| 20,000 lb (9,072 kg) .....     | 45475 ..... | \$765.00             |
| 25,000 lb (11,339.8 kg) .....  | 45476 ..... | \$765.00             |
| 40,000 lb (18,143.7 kg) .....  | 45477 ..... | \$915.00             |
| 50,000 lb (22,679.6 kg) .....  | 45478 ..... | \$995.00             |
| 60,000 lb (27,215.3 kg) .....  | 45479 ..... | \$995.00             |
| 75,000 lb (34,019.4 kg) .....  | 45480 ..... | \$995.00             |
| 100,000 lb (45,359.2 kg) ..... | 45481 ..... | \$1,890.00           |
| 125,000 lb (56,699.1 kg) ..... | 45482 ..... | \$1,890.00           |
| 200,000 lb (90,720 kg) .....   | 45483 ..... | \$3,780.00           |
| <b>60 ft Cable</b>             |             |                      |
| 75,000 lb (34,019.4 kg) .....  | 48698 ..... | \$1,235.00           |

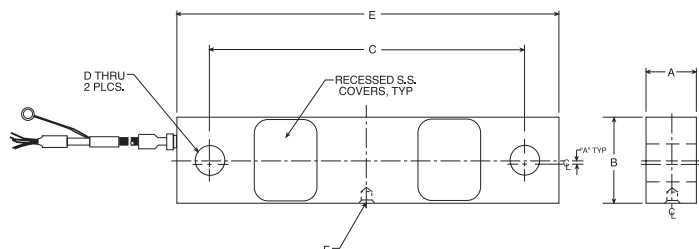
### INTERCHANGEABLE PRODUCTS

| Manufacturer                     | Model                  |
|----------------------------------|------------------------|
| Rice Lake Weighing Systems ..... | (see page 137) RL75058 |
| Sensortronics .....              | (see page 286) 65058   |



## 65061A Double-Ended Beam, Alloy Steel

### NTEP 1:10,000 Class IIIL Multiple Cell, IP67



#### RATED CAPACITY

lb/inches  
40,000  
50,000

A

B

C

#### DIMENSIONS

D

E

F

#### kg/millimeters

18,143.7  
22,679.6

49.3  
49.3

62.0  
74.7

222.3  
222.3

45.2  
27.0

266.7  
266.7

6.5 X 9.5 DP  
6.5 X 9.5 DP

#### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V  
Bridge Resistance: 700 ohms, nominal  
Material/Finish: High-alloy steel, nickel plated  
Temperature: Compensated range  
14°F to 104°F/-10°C to 40°C  
Mfr. Model Number: 65061A-XX-1108 (Rodent cable)  
Safe Overload: 150% Full scale  
Rated Excitation: 10V DC (25V maximum)  
Nonlinearity: 0.03% Full scale

Hysteresis: 0.02% Full scale  
Insulation Resistance: 5000 ohms  
Seal Type: Welded seal, IP67  
Cable Length: 60'/18.2m stainless steel overbraid  
Cable Coloring: Red ..... + Excitation  
Black ..... - Excitation  
Green ... + Signal  
White ..... - Signal  
Warranty: 2 years

#### 65061A ORDER INFORMATION

| Load Rating                   | Part #      | Suggested List Price |
|-------------------------------|-------------|----------------------|
| 40,000 lb (18,143.7 kg) ..... | 47850 ..... | \$1,330.00           |
| 50,000 lb (22,679.6 kg) ..... | 47851 ..... | \$1,330.00           |

#### Mounting Assembly Accessories

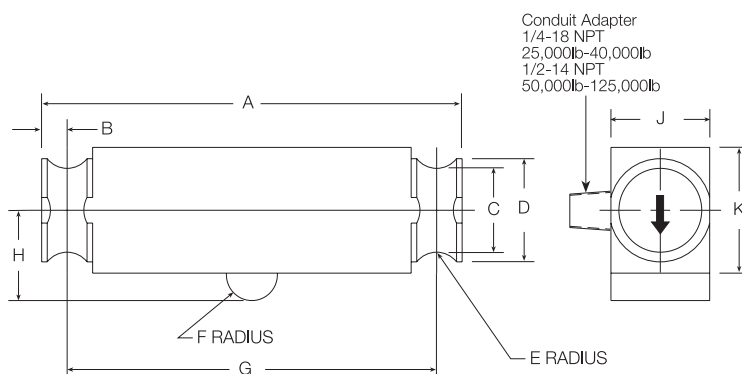
|                       |             |          |
|-----------------------|-------------|----------|
| Load Button .....     | 25524 ..... | \$35.00  |
| Load Pin .....        | 50807 ..... | \$67.00  |
| Bearing Screw .....   | 44837 ..... | \$99.00  |
| Bushing .....         | 50748 ..... | \$27.00  |
| Load Cell Stand ..... | 50767 ..... | \$186.00 |
| Support Pin .....     | 50747 ..... | \$24.00  |
| Washer .....          | 10816 ..... | \$2.30   |
| Cotter Pin .....      | 15244 ..... | \$1.00   |

#### INTERCHANGEABLE PRODUCTS

| Manufacturer     | Model       |
|------------------|-------------|
| Fairbanks® ..... | Rodan 91088 |



## 65040A Double-Ended Beam, Alloy Steel NTEP 1:6000/1:10,000 Class IIIL Multiple Cell, IP67



| RATED CAPACITY        | A     | B    | C    | D    | E    | F    | G     | H    | J    | K    |
|-----------------------|-------|------|------|------|------|------|-------|------|------|------|
| <b>lb/inches</b>      |       |      |      |      |      |      |       |      |      |      |
| 25,000-50,000SE       | 8.25  | .50  | 1.63 | 2.00 | .50  | .50  | 7.25  | 1.75 | 1.94 | 2.44 |
| 50,000-75,000         | 11.50 | .75  | 1.70 | 2.20 | .75  | 1.00 | 10.00 | 2.00 | 1.94 | 2.94 |
| 100,000-125,000       | 14.50 | 1.00 | 2.44 | 3.20 | 1.00 | 1.50 | 12.50 | 2.75 | 2.90 | 3.86 |
| <b>kg/millimeters</b> |       |      |      |      |      |      |       |      |      |      |
| 11,339.8-22,679.6SE   | 209.6 | 12.7 | 41.4 | 50.8 | 12.7 | 12.7 | 184.2 | 44.5 | 49.3 | 62.0 |
| 22,679.6-34,019.4     | 292.1 | 19.1 | 43.2 | 55.9 | 19.1 | 25.4 | 254.0 | 50.8 | 49.3 | 74.7 |
| 45,359.2-56,699.1     | 368.3 | 25.4 | 62.0 | 81.3 | 25.4 | 38.1 | 317.5 | 69.9 | 73.7 | 98.0 |

### SPECIFICATIONS:

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Full Scale Output: | 3.0 mV/V                                             |
| Bridge Resistance: | 700 ohms, nominal                                    |
| Material/Finish:   | High-alloy steel, nickel plated                      |
| Temperature:       | Compensated range<br>14°F to 104°F/-10°C to 40°C     |
| Manufacturer       |                                                      |
| Model Number:      | 65040A-XX-6000 (1:6000)<br>65040A-XX-1000 (1:10,000) |
| Safe Overload:     | 150% Full scale                                      |
| Rated Excitation:  | 10V DC (25V maximum)                                 |

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| Nonlinearity:          | 0.03% Full scale                                                                                 |
| Hysteresis:            | 0.02% Full scale                                                                                 |
| Insulation Resistance: | 5000 megohms                                                                                     |
| Seal Type:             | Welded seal, IP67                                                                                |
| Cable Length:          | 35'/10.6m                                                                                        |
| Cable Coloring:        | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ... + Signal<br>White ..... - Signal |
| Warranty:              | 2 years                                                                                          |

### 65040A ORDER INFORMATION

| Load Rating                     | Part #      | Suggested List Price |
|---------------------------------|-------------|----------------------|
| <b>NTEP 1:6000</b>              |             |                      |
| 25,000 lb (11,339.8 kg) .....   | 21576 ..... | \$615.00             |
| 40,000 lb (18,143.7 kg) .....   | 21577 ..... | \$740.00             |
| 50,000 lb (22,679.6 kg) .....   | 21578 ..... | \$815.00             |
| 60,000 lb (27,215.3 kg) .....   | 21579 ..... | \$815.00             |
| 75,000 lb (34,019.4 kg) .....   | 21580 ..... | \$815.00             |
| 100,000 lb (45,359.2 kg) .....  | 21581 ..... | \$1,555.00           |
| 125,000 lb (56,699.1 kg) .....  | 21582 ..... | \$1,555.00           |
| <b>NTEP 1:10,000</b>            |             |                      |
| 25,000 lb (11,339.8 kg) .....   | 21598 ..... | \$635.00             |
| 40,000 lb (18,143.7 kg) .....   | 21599 ..... | \$760.00             |
| 50,000SE lb (22,679.6 kg) ..... | 66080 ..... | \$760.00             |
| 50,000 lb (22,679.6 kg) .....   | 21600 ..... | \$835.00             |
| 60,000 lb (27,215.3 kg) .....   | 21601 ..... | \$835.00             |
| 75,000 lb (34,019.4 kg) .....   | 21602 ..... | \$835.00             |
| 100,000 lb (45,359.2 kg) .....  | 21603 ..... | \$1,575.00           |
| 125,000 lb (56,699.1 kg) .....  | 21604 ..... | \$1,575.00           |

### INTERCHANGEABLE PRODUCTS

| Manufacturer                     | Model                   |
|----------------------------------|-------------------------|
| Rice Lake Weighing Systems ..... | (see page 138) RL75040A |
| Thurman® .....                   | TSC 840                 |
| Celtron .....                    | (see page 183) DLB      |

### WEIGH MODULE AVAILABLE

| Model            | Page # |
|------------------|--------|
| Translink™ ..... | 78     |

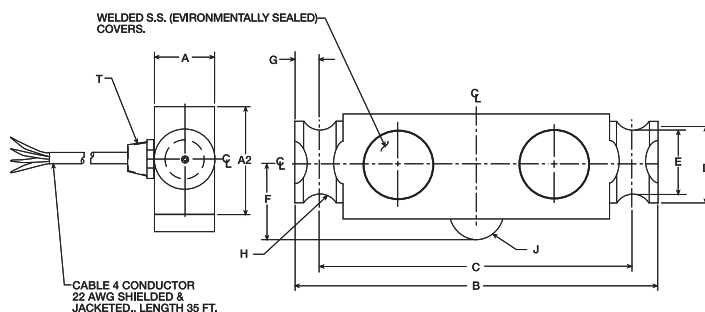
Thurman is a registered trademark of Thurman Scale Co.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



## 65040 S Double-Ended Beam, Stainless Steel Welded Seal, NTEP 1:10,000 Class IIIL Multiple Cell, IP67



| RATED<br>CAPACITY     | DIMENSIONS |      |       |       |      |      |      |      |      |      |            |
|-----------------------|------------|------|-------|-------|------|------|------|------|------|------|------------|
|                       | A          | A2   | B     | C     | D    | E    | F    | G    | H    | J    | T          |
| <b>lb/inches</b>      |            |      |       |       |      |      |      |      |      |      |            |
| 25,000-40,000         | 1.94       | 2.44 | 8.25  | 7.25  | 2.00 | 1.63 | 1.75 | .50  | .50  | .50  | 1/4-18 NPT |
| 50,000-75,000         | 1.94       | 2.94 | 11.50 | 10.00 | 2.20 | 1.70 | 2.00 | .75  | .75  | 1.00 | 1/4-18 NPT |
| <b>kg/millimeters</b> |            |      |       |       |      |      |      |      |      |      |            |
| 11,340-18,144         | 49.2       | 62.0 | 209.6 | 184.2 | 50.8 | 41.4 | 44.5 | 12.7 | 12.7 | 12.7 | 1/4-18 NPT |
| 22,680-34,020         | 49.2       | 74.7 | 292.1 | 254.0 | 55.9 | 43.2 | 50.8 | 19.1 | 19.1 | 25.4 | 1/4-18 NPT |

### SPECIFICATIONS:

Full Scale Output: 3.0 mV/V  
Bridge Resistance: 700 ohms, nominal  
Material/Finish: Stainless steel  
Temperature: Compensated range  
14°F to 104°F/-10°C to 40°C  
Mfr. Model Number: 65040S-XX-1123W  
Safe Overload: 150% Full scale  
Rated Excitation: 10V DC (25V maximum)  
Nonlinearity: 0.03% Full scale

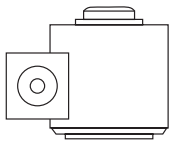
Hysteresis: 0.02% Full scale  
Insulation Resistance: 5000 megohms  
Seal Type: Hermetically sealed, IP67  
Cable Length: 35'/10.6m  
Cable Coloring: Red ..... + Excitation  
Black ..... - Excitation  
Green ... + Signal  
White ..... - Signal  
Warranty: 2 years

### 65040 S ORDER INFORMATION

| Load Rating                    | Part #      | Suggested List Price |
|--------------------------------|-------------|----------------------|
| 25,000 lb (11,339.8 kg) .....  | 45467 ..... | \$765.00             |
| 40,000 lb (18,143.7 kg) .....  | 45468 ..... | \$915.00             |
| 50,000 lb (22,679.6 kg) .....  | 45469 ..... | \$995.00             |
| 60,000 lb (27,215.5 kg) .....  | 45470 ..... | \$995.00             |
| 75,000 lb (34,019.4 kg) .....  | 45471 ..... | \$995.00             |
| 100,000 lb (45,359.4 kg) ..... | 45472 ..... | \$1,890.00           |
| 125,000 lb (56,699.1 kg) ..... | 45473 ..... | \$1,890.00           |
| 200,000 lb (90,720 kg) .....   | 45474 ..... | \$3,780.00           |

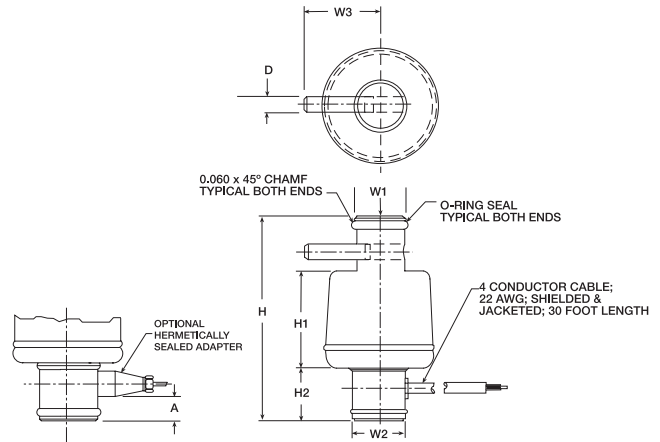
### INTERCHANGEABLE PRODUCTS

| Manufacturer                     | Model                   |
|----------------------------------|-------------------------|
| Rice Lake Weighing Systems ..... | (see page 140) RL75040A |
| Sensortronics .....              | (see page 289) 65040A   |



## 65114 Rocker Column, Stainless Steel

### Hermetically Sealed IP68, NTEP 1:10,000



| RATED<br>CAPACITY     | DIMENSIONS |     |       |      |      |       |      |            |
|-----------------------|------------|-----|-------|------|------|-------|------|------------|
|                       | A          | D   | H     | H1   | H2   | W1    | W2   | W3         |
| <b>lb/inches</b>      |            |     |       |      |      |       |      |            |
| 50,000                | .62        | .38 | 6.00  | 2.82 | 1.59 | 1.46  | 1.46 | 2.18 ± .06 |
| 50,000LE              | .62        | .38 | 7.56  | 2.82 | 1.59 | 1.46  | 1.46 | 2.18 ± .06 |
| 100,000               | .62        | .38 | 8.86  | 2.82 | 1.59 | 1.46  | 1.46 | 2.18 ± .06 |
| <b>kg/millimeters</b> |            |     |       |      |      |       |      |            |
| 22,680.0              | 15.6       | 9.7 | 152.4 | 71.6 | 40.4 | 37.08 | 37.1 | 55.4 ± 1.5 |
| 22,680.0              | 15.6       | 9.7 | 192.0 | 71.6 | 40.4 | 37.08 | 37.1 | 55.4 ± 1.5 |
| 45,360.0              | 15.6       | 9.7 | 225.0 | 71.6 | 40.4 | 37.08 | 37.1 | 55.4 ± 1.5 |

#### SPECIFICATIONS:

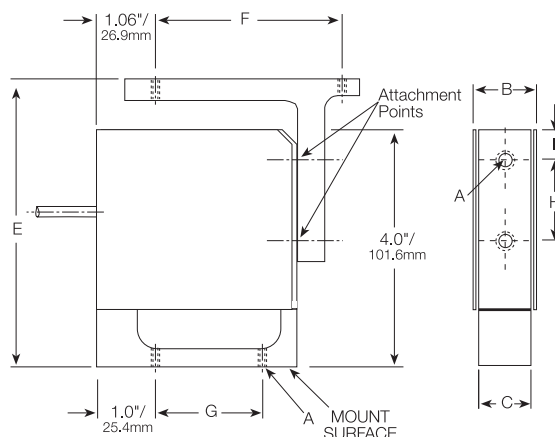
|                    |                                                  |                        |                                                                                                  |
|--------------------|--------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------|
| Full Scale Output: | 2.0 mV/V nominal                                 | Combined Error:        | 0.03% Full scale                                                                                 |
| Bridge Resistance: | 1000 Ohms                                        | Insulation Resistance: | 1000 megohms                                                                                     |
| Material/Finish:   | Stainless steel                                  | Seal Type:             | Hermetically sealed, IP68                                                                        |
| Temperature:       | Compensated range<br>14°F to 104°F/-10°C to 40°C | Cable Length:          | 35'/10.6m                                                                                        |
| Manufacturer       |                                                  | Cable Color Code:      | Red ..... + Excitation<br>Black ..... - Excitation<br>Green .... + Signal<br>White .... - Signal |
| Model Number:      | 65114SXX-1000H                                   | Warranty:              | 2 years                                                                                          |
| Safe Overload:     | 150% Full scale                                  |                        |                                                                                                  |
| Rated Excitation:  | 5V AC/DC (25V maximum)                           |                        |                                                                                                  |

#### 65114 ORDER INFORMATION

| Load<br>Rating                  | Part #      | Suggested<br>List Price |
|---------------------------------|-------------|-------------------------|
| 50,000 lb (22,680.0 kg) .....   | 46497 ..... | \$695.00                |
| 50,000LE lb (22,680.0 kg) ..... | 47952 ..... | \$695.00                |
| 100,000 lb (45,360.0 kg) .....  | 47953 ..... | \$1035.00               |



## 60008 Single Point, Alloy Steel, IP61



| RATED<br>CAPACITY     | DIMENSIONS |      |      |       |      |      |      |      |
|-----------------------|------------|------|------|-------|------|------|------|------|
|                       | A          | B    | C    | E     | F    | G    | H    | I    |
| <b>lb/inches</b>      |            |      |      |       |      |      |      |      |
| 1-10                  | 1/4-28 UNF | .62  | .50  | 4.75  | 2.75 | 1.75 | 1.52 | .65  |
| 20-50                 | 1/4-28 UNF | .88  | .75  | 4.75  | 2.75 | 1.75 | 1.52 | .65  |
| 100                   | 1/4-28 UNF | 1.20 | 1.00 | 4.75  | 2.75 | 1.75 | 1.52 | .65  |
| <b>kg/millimeters</b> |            |      |      |       |      |      |      |      |
| 0.5-4.5               | 1/4-28 UNF | 15.8 | 12.7 | 120.7 | 69.9 | 44.5 | 38.6 | 16.5 |
| 9.1-22.7              | 1/4-28 UNF | 22.4 | 19.1 | 120.7 | 69.9 | 44.5 | 38.6 | 16.5 |
| 45.4                  | 1/4-28 UNF | 30.5 | 25.4 | 120.7 | 69.9 | 44.5 | 38.6 | 16.5 |

### SPECIFICATIONS:

|                    |                                                 |                         |                                                                                                    |
|--------------------|-------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------|
| Full Scale Output: | 2.0 mV/V                                        | Insulation Resistance:  | 5000 megohms                                                                                       |
| Bridge Resistance: | 350 ohms, nominal                               | Deflection at Capacity: | 1-2 lb = .023\"/>                                                                                  |
| Material/Finish:   | High-alloy steel, nickel plated                 | Seal Type:              | Environmentally protected, IP61                                                                    |
| Temperature:       | Compensated range<br>0°F to 150°F/-18°C to 65°C | Max. Platform Size:     | 1-10 lb = 8\"/>                                                                                    |
| Manufacturer       |                                                 | Cable Length:           | 10'/3.1m                                                                                           |
| Model Number:      | 60008                                           | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ..... + Signal<br>White ..... - Signal |
| Safe Overload:     | 150% Full scale                                 | Warranty:               | 2 years                                                                                            |
| Rated Excitation:  | 10V DC (25V maximum)                            |                         |                                                                                                    |
| Nonlinearity:      | 0.03% Full scale                                |                         |                                                                                                    |
| Hysteresis:        | 0.02% Full scale                                |                         |                                                                                                    |

### 60008 ORDER INFORMATION

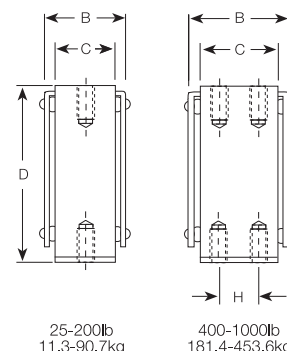
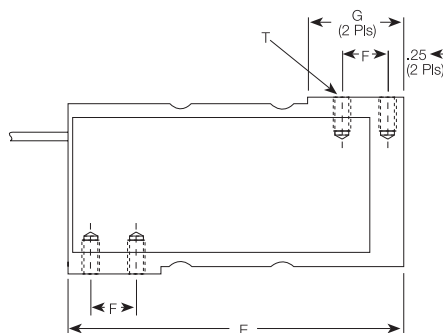
| Load Rating      | Part # | Suggested List Price |
|------------------|--------|----------------------|
| 1 lb (0.5 kg)    | 17409  | \$450.00             |
| 2 lb (0.9 kg)    | 17410  | \$450.00             |
| 5 lb (2.3 kg)    | 17411  | \$450.00             |
| 10 lb (4.5 kg)   | 17412  | \$450.00             |
| 20 lb (9.1 kg)   | 17413  | \$450.00             |
| 25 lb (11.3 kg)  | 17414  | \$450.00             |
| 50 lb (22.7 kg)  | 17415  | \$450.00             |
| 100 lb (45.4 kg) | 17416  | \$450.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer | Model   |
|--------------|---------|
| Electroscale | 905/910 |



## 60048 Single Point, Alloy Steel, IP61



### RATED CAPACITY

### DIMENSIONS

|                       | T                    | B    | C    | D    | E     | F    | G    | H    |
|-----------------------|----------------------|------|------|------|-------|------|------|------|
| <b>lb/inches</b>      |                      |      |      |      |       |      |      |      |
| 25-200                | 1/4-28 UNF x .75 DP  | 1.25 | 1.00 | 3.00 | 6.00  | 1.00 | 1.50 | —    |
| 400-500               | 1/4-28 UNF x .75 DP  | 1.25 | 1.00 | 3.00 | 6.00  | 1.00 | 1.50 | .50  |
| 1000                  | 5/16-24 UNF x .75 DP | 1.75 | 1.50 | 3.00 | 6.00  | 1.00 | 1.50 | 1.00 |
| <b>kg/millimeters</b> |                      |      |      |      |       |      |      |      |
| 11.3-90.7             | 1/4-28 UNF x .75 DP  | 31.8 | 25.4 | 76.2 | 152.4 | 25.4 | 38.1 | —    |
| 181.4-226.8           | 1/4-28 UNF x .75 DP  | 31.8 | 25.4 | 76.2 | 152.4 | 25.4 | 38.1 | 12.7 |
| 453.6                 | 5/16-24 UNF x .75 DP | 44.5 | 38.1 | 76.2 | 152.4 | 25.4 | 38.1 | 25.4 |

### SPECIFICATIONS:

|                    |                                              |                         |                                                                                                                     |
|--------------------|----------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| Full Scale Output: | 2.0 mV/V nominal                             | Hysteresis:             | 0.02% Full scale                                                                                                    |
| Bridge Resistance: | 350 ohms, nominal                            | Insulation Resistance:  | 5000 megohms                                                                                                        |
| Material/Finish:   | High-alloy steel, nickel plated              | Deflection at Capacity: | 25 lb = .016"/.41mm, 50-100 lb = .013"/.33mm, 200 lb = .015"/.38mm, 400-500 lb = .023"/.58mm, 1000 lb = .016"/.41mm |
| Temperature:       | Compensated range 0°F to 150°F/-18°C to 65°C | Seal Type:              | Environmentally protected, unpotted, IP61                                                                           |
| Manufacturer       |                                              | Cable Length:           | 10'/3.1m                                                                                                            |
| Model Number:      | 60048                                        | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ..... + Signal<br>White ..... - Signal                  |
| Safe Overload:     | 150% Full scale                              | Warranty:               | 2 years                                                                                                             |
| Rated Excitation:  | 10V DC (15V maximum)                         |                         |                                                                                                                     |
| Nonlinearity:      | 0.03% Full scale                             |                         |                                                                                                                     |

### 60048 ORDER INFORMATION

| Load Rating        | Part # | Suggested List Price |
|--------------------|--------|----------------------|
| 25 lb (11.3 kg)    | 17418  | \$425.00             |
| 50 lb (22.7 kg)    | 17420  | \$395.00             |
| 100 lb (45.4 kg)   | 17422  | \$395.00             |
| 200 lb (90.7 kg)   | 17424  | \$395.00             |
| 400 lb (181.4 kg)  | 17426  | \$440.00             |
| 500 lb (226.8 kg)  | 17428  | \$465.00             |
| 1000 lb (453.6 kg) | 17430  | \$535.00             |

|                            |       |         |
|----------------------------|-------|---------|
| Adapter Kit (400 & 500 lb) | 25562 | \$39.00 |
| Single Adapter (25-200 lb) | 17683 | \$15.00 |

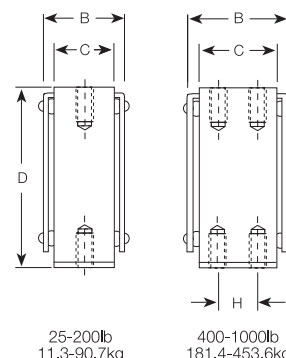
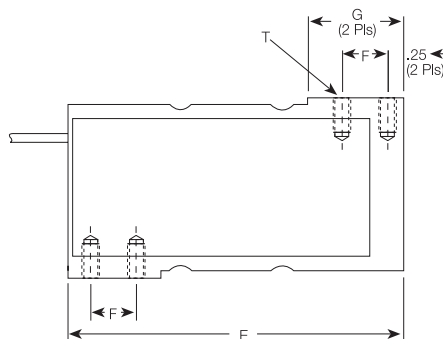
Adapter 17683 is needed to use the 60048 load cell in NCI model 3255 and 3256 bases, 25-200 lb (11.3-90.7 kg) capacities. Adapter kit 25562 is needed to convert 400-500 lb (181.4-226.8 kg) capacity cells to these bases.

### INTERCHANGEABLE PRODUCTS

| Manufacturer    | Model  |
|-----------------|--------|
| NCI/Weightronix | Mark V |



## 60048SS Single Point, Stainless Steel, IP67



### RATED CAPACITY

### DIMENSIONS

|                       | T                    | B    | C    | D    | E     | F    | G    | H    |
|-----------------------|----------------------|------|------|------|-------|------|------|------|
| <b>lb/inches</b>      |                      |      |      |      |       |      |      |      |
| 25-200                | 1/4-28 UNF x .75 DP  | 1.25 | 1.00 | 3.00 | 6.00  | 1.00 | 1.50 | —    |
| 400-500               | 1/4-28 UNF x .75 DP  | 1.25 | 1.00 | 3.00 | 6.00  | 1.00 | 1.50 | .50  |
| 1000                  | 5/16-24 UNF x .75 DP | 1.75 | 1.50 | 3.00 | 6.00  | 1.00 | 1.50 | 1.00 |
| <b>kg/millimeters</b> |                      |      |      |      |       |      |      |      |
| 11.3-90.7             | 1/4-28 UNF x .75 DP  | 31.8 | 25.4 | 76.2 | 152.4 | 25.4 | 38.1 | —    |
| 181.4-226.8           | 1/4-28 UNF x .75 DP  | 31.8 | 25.4 | 76.2 | 152.4 | 25.4 | 38.1 | 12.7 |
| 453.6                 | 5/16-24 UNF x .75 DP | 44.5 | 38.1 | 76.2 | 152.4 | 25.4 | 38.1 | 25.4 |

### SPECIFICATIONS:

|                    |                                              |                         |                                                                                                                     |
|--------------------|----------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| Full Scale Output: | 2.0 mV/V nominal                             | Insulation Resistance:  | 5000 megohms                                                                                                        |
| Bridge Resistance: | 350 ohms, nominal                            | Deflection at Capacity: | 25 lb = .016"/.41mm, 50-100 lb = .013"/.33mm, 200 lb = .015"/.38mm, 400-500 lb = .023"/.58mm, 1000 lb = .016"/.41mm |
| Material/Finish:   | Stainless steel                              | Seal Type:              | Environmentally protected, potted, IP67                                                                             |
| Temperature:       | Compensated range 0°F to 150°F/-18°C to 65°C | Cable Length:           | 10'/3.1m                                                                                                            |
| Manufacturer       |                                              | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ..... + Signal<br>White ..... - Signal                  |
| Model Number:      | 60048-XX-0108                                | Warranty:               | 2 years                                                                                                             |
| Safe Overload:     | 150% Full scale                              |                         |                                                                                                                     |
| Rated Excitation:  | 10V DC (15V maximum)                         |                         |                                                                                                                     |
| Nonlinearity:      | 0.03% Full scale                             |                         |                                                                                                                     |
| Hysteresis:        | 0.02% Full scale                             |                         |                                                                                                                     |

### 60048 SS ORDER INFORMATION

| Load Rating        | Part # | Suggested List Price |
|--------------------|--------|----------------------|
| 25 lb (11.3 kg)    | 17419  | \$455.00             |
| 50 lb (22.7 kg)    | 17421  | \$445.00             |
| 100 lb (45.4 kg)   | 17423  | \$445.00             |
| 200 lb (90.7 kg)   | 17425  | \$445.00             |
| 400 lb (181.4 kg)  | 17427  | \$495.00             |
| 500 lb (226.8 kg)  | 17429  | \$495.00             |
| 1000 lb (453.6 kg) | 17431  | \$565.00             |

|                            |       |         |
|----------------------------|-------|---------|
| Adapter Kit (400 & 500 lb) | 25562 | \$39.00 |
| Single Adapter (25-200 lb) | 17683 | \$15.00 |

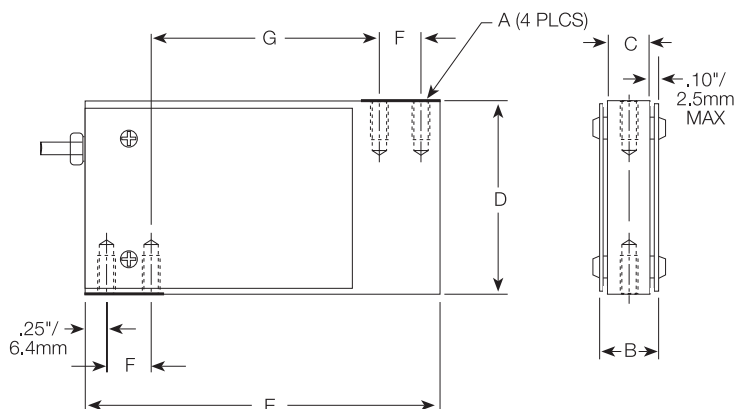
Adapter 17683 is needed to use the 60048 load cell in NCI model 3255 and 3256 bases, 25-200 lb (11.3-90.7 kg) capacities. Adapter kit 25562 is needed to convert 400-500 lb (181.4-226.8 kg) capacity cells to these bases.

### INTERCHANGEABLE PRODUCTS

| Manufacturer    | Model  |
|-----------------|--------|
| NCI/Weightronix | Mark V |



## 60051 Single Point Beam, Stainless Steel, IP67



| RATED CAPACITY        | A             | B    | C    | D    | E     | F    | G    |
|-----------------------|---------------|------|------|------|-------|------|------|
| <b>lb/inches</b>      |               |      |      |      |       |      |      |
| 10-25                 | 1/4-28 UNF-2B | .70  | .50  | 2.50 | 4.63  | .75  | 2.62 |
| 50-200                | 1/4-28 UNF-2B | .95  | .75  | 2.50 | 4.63  | .75  | 2.62 |
| <b>kg/millimeters</b> |               |      |      |      |       |      |      |
| 4.5-11.3              | 1/4-28 UNF-2B | 17.8 | 12.7 | 63.5 | 117.6 | 19.1 | 66.6 |
| 22.7-90.7             | 1/4-28 UNF-2B | 24.1 | 19.1 | 63.5 | 117.6 | 19.1 | 66.6 |

### SPECIFICATIONS:

|                    |                                                 |                         |                                                                                                    |
|--------------------|-------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------|
| Full Scale Output: | 2.0 mV/V                                        | Hysteresis:             | 0.02% Full scale                                                                                   |
| Bridge Resistance: | 350 ohms, nominal                               | Insulation Resistance:  | 5000 megohms                                                                                       |
| Material/Finish:   | Stainless steel                                 | Deflection at Capacity: | 10-15 lb = .014"/.36mm, 25-200 lb = .010"/.25mm                                                    |
| Temperature:       | Compensated range<br>0°F to 150°F/-18°C to 65°C | Seal Type:              | Environmentally protected, IP67                                                                    |
| Manufacturer       |                                                 | Cable Length:           | 10'/3.1m                                                                                           |
| Model Number:      | 60051                                           | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ..... + Signal<br>White ..... - Signal |
| Safe Overload:     | 150% Full scale                                 | Warranty:               | 2 years                                                                                            |
| Rated Excitation:  | 10V DC (15V maximum)                            |                         |                                                                                                    |
| Nonlinearity:      | 0.03% Full scale                                |                         |                                                                                                    |

### 60051 ORDER INFORMATION

| Load Rating            | Part #      | Suggested List Price |
|------------------------|-------------|----------------------|
| 10 lb (4.5 kg) .....   | 17432 ..... | \$335.00             |
| 15 lb (6.8 kg) .....   | 17433 ..... | \$335.00             |
| 25 lb (11.3 kg) .....  | 17434 ..... | \$335.00             |
| 50 lb (22.7 kg) .....  | 17435 ..... | \$420.00             |
| 100 lb (45.4 kg) ..... | 17436 ..... | \$420.00             |
| 200 lb (90.7 kg) ..... | 17437 ..... | \$420.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer | Model    |
|--------------|----------|
| NCI® .....   | Mark III |
| NCI® .....   | Mark IX  |

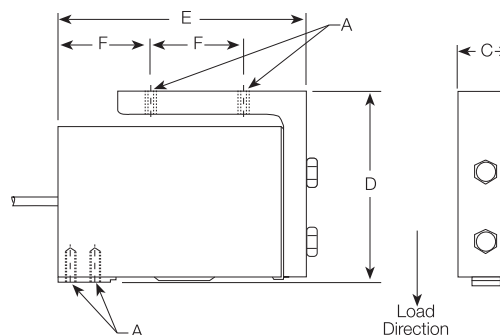
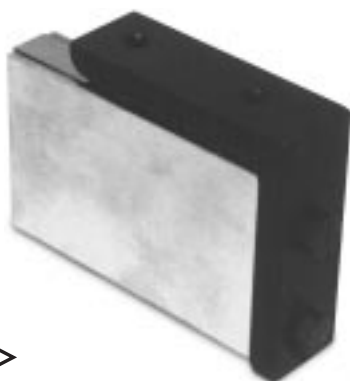
NCI is a registered trademark of Weigh-Tronix, Inc.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



## 65024 Single Point, Alloy Steel, IP61



### RATED CAPACITY

lb/inches  
2-25

A  
1/4-28 UNF-2B

C  
1.00

### DIMENSIONS

D  
3.00

E  
4.12

F  
1.63

kg/millimeters  
0.9-11.3

1/4-28 UNF-2B

25.4

76.2

104.7

41.4

### SPECIFICATIONS:

Full Scale Output: 2.0 mV/V  
Bridge Resistance: 350 ohms, nominal  
Material/Finish: High-alloy steel, nickel plated  
Temperature: Compensated range  
0°F to 150°F/-18°C to 65°C  
Manufacturer  
Model Number: 65024  
Safe Overload: 150% Full scale  
Rated Excitation: 10V DC (15V maximum)  
Nonlinearity: 0.03% Full scale

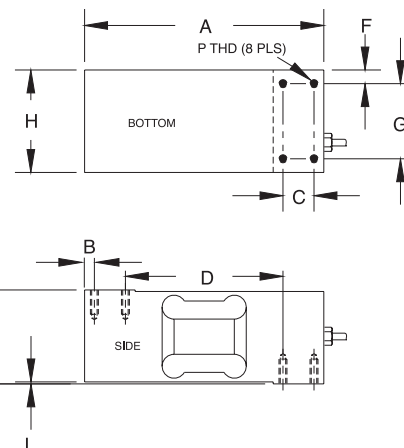
Hysteresis: 0.02% Full scale  
Insulation Resistance: 5000 megohms  
Deflection at Capacity: 2 lb = .023"/.58mm, 5-25 lb = .020"/.51mm  
Seal Type: Environmentally protected, IP61  
Cable Length: 10'/3.1m  
Cable Color Code: Red ..... + Excitation  
Black ..... - Excitation  
Green ..... + Signal  
White ..... - Signal  
Warranty: 2 years

### 65024 ORDER INFORMATION

| Load Rating           | Part #      | Suggested List Price |
|-----------------------|-------------|----------------------|
| 2 lb (0.9 kg) .....   | 17438 ..... | \$350.00             |
| 5 lb (2.3 kg) .....   | 17439 ..... | \$350.00             |
| 10 lb (4.5 kg) .....  | 17440 ..... | \$350.00             |
| 25 lb (11.3 kg) ..... | 17441 ..... | \$350.00             |



## 60060 Single Point, Aluminum, Clear Anodized, IP67



| RATED<br>CAPACITY     | DIMENSIONS |     |      |       |     |      |      |      |     |                     |
|-----------------------|------------|-----|------|-------|-----|------|------|------|-----|---------------------|
|                       | A          | B   | C    | D     | F   | G    | H    | K    | L   | P                   |
| <b>lb/inches</b>      |            |     |      |       |     |      |      |      |     |                     |
| 100-2000              | 7.50       | .31 | .98  | 4.92  | .30 | 2.36 | 2.95 | 2.95 | .06 | 5/16-18-2B X .75 DP |
| <b>kg/millimeters</b> |            |     |      |       |     |      |      |      |     |                     |
| 45.4-907.2            | 190.5      | 7.9 | 25.0 | 125.0 | 7.6 | 60.0 | 75.0 | 75.0 | 1.5 | 5/16-18-2B X 19 DP  |

### SPECIFICATIONS:

|                     |                                                 |                         |                                                                                                    |
|---------------------|-------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------|
| Full Scale Output:  | 2.0 mV/V                                        | Insulation Resistance:  | 5000 megohms                                                                                       |
| Bridge Resistance:  | 350 ohms, nominal                               | Deflection at Capacity: | 250 lb = .010"/.25mm, 500-2000 lb = .006"/.15mm                                                    |
| Material/Finish:    | Aluminum, clear anodized                        | Seal Type:              | Environmentally protected, IP67                                                                    |
| Temperature:        | Compensated range<br>0°F to 150°F/-18°C to 65°C | Cable Length:           | 10'/3.1m                                                                                           |
| Manufacturer        |                                                 | Cable Color Code:       | Red ..... + Excitation<br>Black ..... - Excitation<br>Green ..... + Signal<br>White ..... - Signal |
| Model Number:       | 60060                                           | Warranty:               | 2 years                                                                                            |
| Safe Overload:      | 150% Full scale                                 |                         |                                                                                                    |
| Rated Excitation:   | 10V DC (20V maximum)                            |                         |                                                                                                    |
| Max. Platform Size: | 30" x 30"/762mm x 762mm                         |                         |                                                                                                    |
| Combined Error:     | 0.02% Full scale                                |                         |                                                                                                    |

### 60060 ORDER INFORMATION

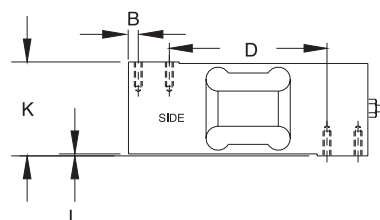
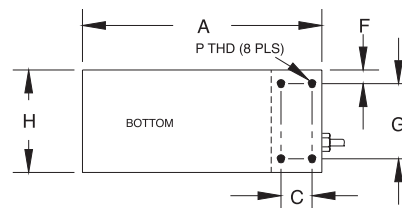
| Load Rating              | Part #      | Suggested List Price |
|--------------------------|-------------|----------------------|
| 100 lb (45.4 kg) .....   | 36479 ..... | \$350.00             |
| 250 lb (113.4 kg) .....  | 17582 ..... | \$350.00             |
| 500 lb (226.8 kg) .....  | 17583 ..... | \$350.00             |
| 750 lb (340.2 kg) .....  | 17584 ..... | \$350.00             |
| 1000 lb (453.6 kg) ..... | 17585 ..... | \$350.00             |
| 2000 lb (907.2 kg) ..... | 17586 ..... | \$350.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer        | Model                     |
|---------------------|---------------------------|
| Sensortronics ..... | (see page 298) 60060-0101 |



## 60060-0101 Single Point, Stainless Steel, IP67



| RATED CAPACITY        | DIMENSIONS |     |      |       |     |      |      |      |     |                     |
|-----------------------|------------|-----|------|-------|-----|------|------|------|-----|---------------------|
|                       | A          | B   | C    | D     | F   | G    | H    | K    | L   | P                   |
| <b>lb/inches</b>      |            |     |      |       |     |      |      |      |     |                     |
| 250-2000              | 7.50       | .31 | .98  | 4.92  | .30 | 2.36 | 2.95 | 2.95 | .06 | 5/16-18-2B X .75 DP |
| <b>kg/millimeters</b> |            |     |      |       |     |      |      |      |     |                     |
| 113.4-907.2           | 190.5      | 7.9 | 25.0 | 125.0 | 7.6 | 60.0 | 75.0 | 75.0 | 1.5 | 5/16-18-2B X 19 DP  |

### SPECIFICATIONS:

Full Scale Output: 2.0 mV/V  
 Bridge Resistance: 350 ohms, nominal  
 Material/Finish: Stainless steel  
 Temperature: Compensated range  
 0°F to 150°F/-18°C to 65°C  
 Manufacturer  
 Model Number: 60060-XX-0101  
 Safe Overload: 150% Full scale  
 Rated Excitation: 10V DC (20V maximum)  
 Max. Platform Size: 30" x 30"/762mm x 762mm  
 Combined Error: 0.02% Full scale

Insulation Resistance: 5000 megohms  
 Deflection at Capacity: 250 lb = .010"/.25mm, 500-2000 lb = .006"/.15mm  
 Seal Type: Environmentally protected, IP67  
 Cable Length: 10'/3.1m  
 Cable Color Code:  
 Red ..... + Excitation  
 Black ..... - Excitation  
 Green ..... + Signal  
 White ..... - Signal  
 Warranty: 2 years

### 60060-0101 ORDER INFORMATION

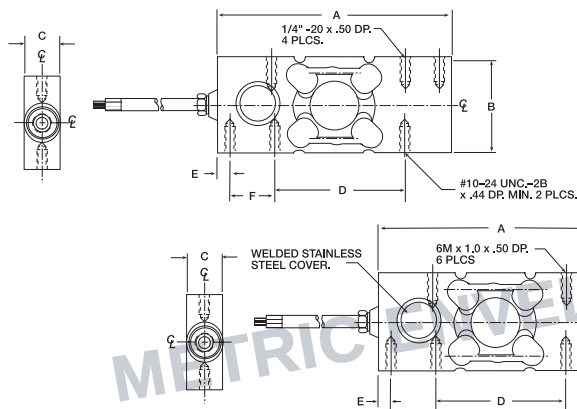
| Load Rating              | Part #      | Suggested List Price |
|--------------------------|-------------|----------------------|
| 250 lb (113.4 kg) .....  | 36481 ..... | \$995.00             |
| 500 lb (226.8 kg) .....  | 36482 ..... | \$995.00             |
| 750 lb (340.2 kg) .....  | 36483 ..... | \$995.00             |
| 1000 lb (453.6 kg) ..... | 36484 ..... | \$995.00             |
| 2000 lb (907.2 kg) ..... | 36485 ..... | \$995.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer        | Model                |
|---------------------|----------------------|
| Sensortronics ..... | (see page 297) 60060 |



## 60064 Single Point, Stainless Steel Welded Seal, IP67



| RATED CAPACITY        | DIMENSIONS |      |      |      |     |      |
|-----------------------|------------|------|------|------|-----|------|
|                       | A          | B    | C    | D    | E   | F    |
| <b>lb/inches</b>      |            |      |      |      |     |      |
| 13.2-50               | 5.00       | 1.99 | .72  | 3.00 | .25 | .75  |
| 100-132.3             | 5.00       | 1.99 | .94  | 3.00 | .25 | .75  |
| <b>kg/millimeters</b> |            |      |      |      |     |      |
| 6.0-22.7              | 127.0      | 50.4 | 18.3 | 76.2 | 6.4 | 19.1 |
| 45.4-60.0             | 127.0      | 50.4 | 23.9 | 76.2 | 6.4 | 19.1 |

### SPECIFICATIONS:

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Full Scale Output: | 3.0 mV/V (lb)<br>2.0 mV/V (kg)                  |
| Bridge Resistance: | 400 ohms, nominal                               |
| Material/Finish:   | Stainless steel                                 |
| Temperature:       | Compensated range<br>0°F to 150°F/-18°C to 65°C |
| Manufacturer       |                                                 |
| Model Number:      | 60064                                           |
| Safe Overload:     | 150% Full scale                                 |
| Rated Excitation:  | 10V AC/DC (15V maximum)                         |

|                        |                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------|
| Combined Error:        | 0.03% Full scale                                                                                   |
| Non-repeatability:     | 0.01% Full scale                                                                                   |
| Insulation Resistance: | 5000 megohms                                                                                       |
| Seal Type:             | Welded seal, IP67                                                                                  |
| Cable Length:          | 10'/3m                                                                                             |
| Cable Color Code:      | Green ..... + Excitation<br>Black ..... - Excitation<br>White ..... + Signal<br>Red ..... - Signal |
| Warranty:              | 2 years                                                                                            |

### 60064 ORDER INFORMATION

| Load Rating               | Part #      | Suggested List Price |
|---------------------------|-------------|----------------------|
| <b>Metric Capacities:</b> |             |                      |
| 6 kg (13.2 lb) .....      | 41128 ..... | \$615.00             |
| 15 kg (33.1 lb) .....     | 41129 ..... | \$615.00             |
| 60 kg (132.3 lb) .....    | 41130 ..... | \$780.00             |
| <b>Capacities:</b>        |             |                      |
| 25 lb (11.3 kg) .....     | 41125 ..... | \$615.00             |
| 50 lb (22.7 kg) .....     | 41126 ..... | \$615.00             |
| 100 lb (45.4 kg) .....    | 41127 ..... | \$780.00             |

### INTERCHANGEABLE PRODUCTS

| Manufacturer              | Model               |
|---------------------------|---------------------|
| <b>Avoirdupois:</b>       |                     |
| Revere Transducers .....  | (see page 263) HPS  |
| <b>Metric Capacities:</b> |                     |
| Revere Transducers .....  | (see page 264) HPSM |