

# Weigh Modules

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## RL8000 HE

### Stainless Steel, Hermetically Sealed, Rice Lake



This is the miniature version of the RL8500HE and features all of the same benefits. This new innovative mounting assembly incorporates the load cell and mount into the same piece of hardware. The result is an extremely rugged, low-profile assembly that is capable of operating with very high performance levels in the worst of environmental conditions. This assembly is manufactured from stainless steel, and is hermetically sealed to prevent moisture intrusion. Since there is no bulky mounting hardware to deal with, the installation of the product is quick and easy. The capacity range on this version is 250 to 5,000lb (113.4 to 2268.0kg).

#### **APPLICATIONS:**

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- Light- to medium-capacity tanks, bins and hoppers
- Chemical blending, batching and mixing

#### **STANDARD FEATURES:**

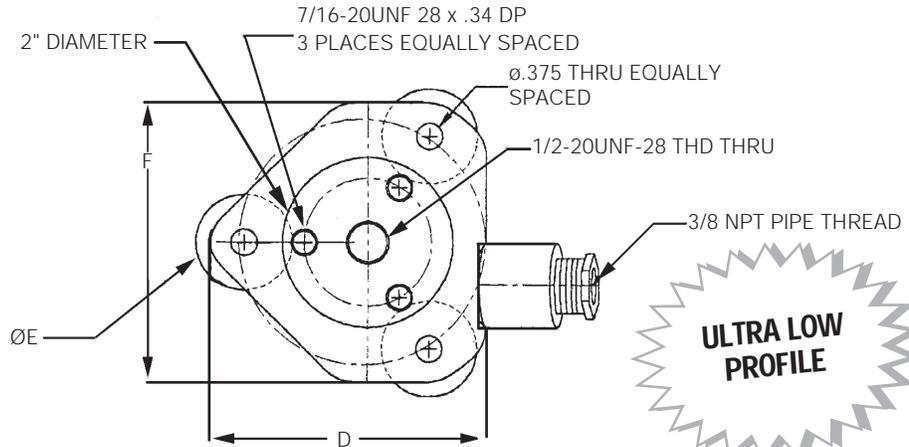
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- Capacities from 250-5,000 lb
- Stainless steel
- Hermetically sealed
- Moment corrected
- Low profile
- 300% compression overload protection
- Easy installation
- Field-replaceable, stainless overbraid cable
- IP66/68

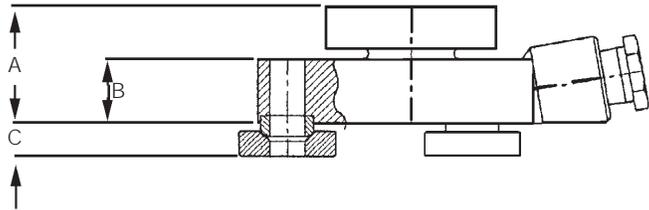


# RL8000HE Specifications

**Unique One-Piece Design**



**ULTRA LOW PROFILE**



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RATED CAPACITY	DIMENSIONS					
	A	B	C	D	E	F
<b>lb/inches</b> 250-5000	1.38	.75	.40	3.22	1.13	3.28
<b>kg/millimeters</b> 113.4-2268.0	35.1	19.1	10.2	81.8	28.7	83.3

**SPECIFICATIONS:**

- Full Scale Output: 2.0 mV/V
- Bridge Resistance: 1000 ohms, nominal with voltage applied
- Material/Finish: Stainless steel
- Temperature: Compensated range 0°F to 150°F/-18°C to 65°C
- Safe Overload: 300% Full scale
- Safe Sideload: 200% Full scale
- Rated Excitation: 10V DC (15V maximum)
- Nonlinearity: 0.03% Full scale
- Hysteresis: 0.03% Full scale
- Insulation Resistance: 1000 megohms
- Seal Type: Hermetically sealed, IP66/68
- Cable Length: 25' (7.6m) Stainless steel overbraid
- Cable Color Code:
  - Red ..... + Excitation
  - Black ..... - Excitation
  - Green ... + Signal
  - White ..... - Signal

**RL8000HE ORDER INFORMATION**

Load Rating	Part #	Suggested List Price
<b>RL8000HE</b>		
250 lb (113.4kg) .....	53353 .....	\$795.00
500 lb (226.8kg) .....	53354 .....	\$795.00
1000 lb (453.6kg) .....	53355 .....	\$795.00
2500 lb (1134.0kg) .....	53356 .....	\$795.00
5000 lb (2268.0kg) .....	53357 .....	\$795.00
Replacement Cable .....	63121 .....	\$125.00

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

Prices & Specifications subject to change without notice