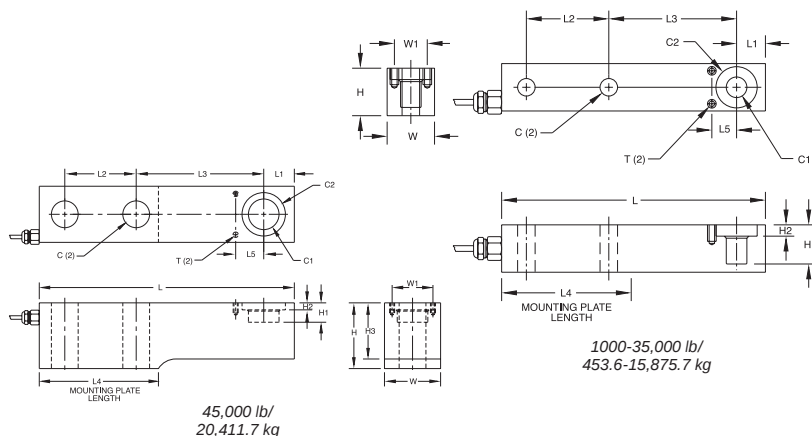




RLSB2L/RLSB2M Single-Ended Beam

Alloy Steel/Stainless Steel with Blind Load Hole, IP67



RATED CAPACITY	DIMENSIONS															
	C	C1	C2	H	H1	H2	H3	L	L1	L2	L3	L4	L5	W	W1	T
lb/inches																
1000-5000	.53	.62	1.25	1.43	1.18	.34	—	8.00	.87	2.50	3.87	4.00	.75	1.43	1.00	8-32X.37DP
10,000	.84	.87	1.50	1.70	1.08	.39	—	9.25	.87	2.62	4.87	4.62	.87	1.68	1.12	10-32X.37DP
20,000	1.06	1.25	1.87	2.37	.81	.37	—	11.00	1.25	3.25	5.50	5.50	1.25	2.37	1.75	10-32X.37DP
35,000	1.31	1.50	2.12	2.75	.95	.37	—	12.50	1.50	3.50	6.25	6.00	1.37	2.75	2.00	10-32X.50DP
45,000	1.31	1.50	2.12	3.22	.95	.37	2.75	12.50	1.50	3.50	6.25	5.84	1.37	2.75	2.00	10-32X.50DP
kg/millimeters																
453.6-2268.0	13.5	15.8	31.8	36.3	30.0	8.6	—	203.2	22.1	63.5	98.3	101.6	19.1	36.3	25.4	8-32X9.4DP
4535.9	21.3	22.1	38.1	43.2	27.4	9.9	—	235.0	22.1	66.6	123.7	117.4	22.1	42.7	28.5	10-32X9.4DP
9071.9	26.9	31.8	47.5	60.2	20.8	9.4	—	279.4	31.8	82.6	139.7	139.7	31.8	60.2	44.5	10-32X9.4DP
15,875.7	33.3	38.1	53.9	69.9	24.1	9.4	—	317.5	38.1	88.9	158.8	152.4	34.8	69.9	50.8	10-32X12.7DP
20,411.7	33.3	38.1	53.9	81.8	24.1	9.4	69.9	317.5	38.1	88.9	158.8	148.3	34.8	69.9	50.8	10-32X12.7DP

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V ± .07% (Matched)	Insulation Resistance:	10000 megohms
Bridge Resistance:	350 ohms, nominal (RLSB2L) 2000 ohms (RLSB2M)	Seal Type:	35,000 & 45,000 lb/15,875.7 & 20,411.7 kg, Hermetically sealed, IP67 All others - environmentally protected
Material/Finish:	1000-10,000 lb - Stainless steel 20,000-45,000 lb - High-alloy steel, epoxy coated 45,000 lb (2000Ω)-Stainless steel	Cable Length:	1000-5000 lb=10'/3.1m, 10,000-20,000 lb=15'/4.6m, 35,000-45,000 lb=30'/9.2m
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Color Code:	Green ... + Excitation Black Excitation White + Signal Red - Signal
Safe Overload:	150% Full scale	Warranty:	2 years
Rated Excitation:	10V DC/AC (18V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.03% Full scale		

RLSB2L/RLSB2M ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RLSB2L		
1000 lb (453.6 kg)	17204	\$865.00
3000 lb (1360.8 kg)	17205	\$865.00
5000 lb (2268.0 kg)	17206	\$865.00
10,000 lb (4535.9 kg)	17207	\$965.00
20,000 lb (9071.9 kg)	17208	\$995.00
35,000 lb (15,875.7 kg)	65234	\$1,495.00
RLSB2M		
45,000 lb (20,411.7 kg) 350Ω ..	22279	\$1,565.00
45,000* lb (20,411.7 kg) 2000Ω	31915	\$1,565.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model	Capacity
Masstron®	ML4311	1000 lb (453.6 kg)
Masstron®	ML4331	3000 lb (1360.8 kg)
Masstron®	ML4350	5000 lb (2268.0 kg)
Masstron®	ML4410	10,000 lb (4535.9 kg)
Masstron®	ML4420	20,000 lb (9071.9 kg)
Masstron®	ML4437	35,000 lb (15,875.7 kg)
Masstron®	ML4447	45,000 lb (20,411.7 kg)
Masstron®	ML4449	45,000 lb (20,411.7 kg)

* Hermetically sealed

Masstron is a registered trademark of Mettler-Toledo Inc.

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

Prices & Specifications subject to change without notice