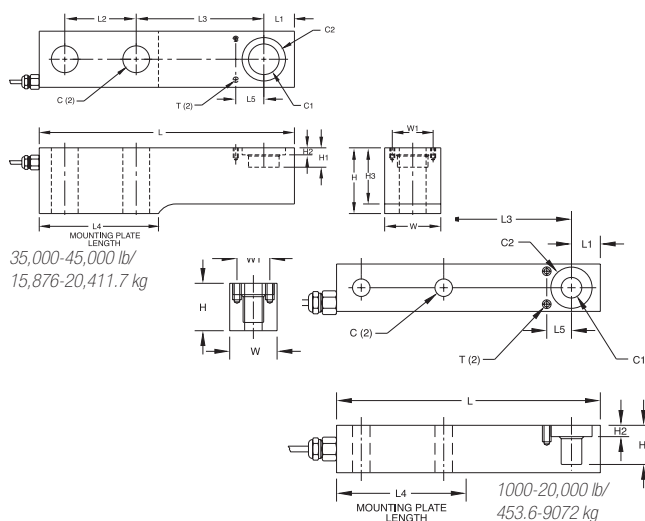


RLSB2L/RLSB2M/RLSB2MLW Single-Ended Beam

Hermetically sealed, IP67, Alloy Steel/Stainless Steel with Blind Load Hole



Picture is a representation of actual product



SPECIFICATIONS:

Full Scale Output:	2.0 mV/V $\pm$.07% (Matched)
Bridge Resistance:	350 ohms, nominal (RLSB2L) 2000 ohms (RLSB2M, 45,000 lb)
Material/Finish:	1000-20,000 lb - Stainless steel 35,000-45,000 lb - High-alloy steel, epoxy coated
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C
Safe Overload:	150% Full scale
Safe Sideload:	100% Full scale
Rated Excitation:	10V DC (15V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.03% Full scale
Insulation Resistance:	10000 megohms
Seal Type:	35,000 & 45,000 lb/15,875.7 & 20,411.7 kg, Hermetically sealed, IP67
Cable Length:	1000-20,000 lb=20'/3.1 m, 10,000-20,000 lb=15'/4.6 m, 35,000-45,000 lb=30'/9.2 m
Cable Diameter:	.299 polyurethane jacket
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal
Warranty:	Two-year limited warranty

DIMENSIONS

Rated Capacity	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
35,000-45,000	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/mm																
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

RLSB2L/RLSB2M/RLSB2MLW Order Information

Load Rating		Part #	Price
RLSB2MLW			
1000 lb	(453.6 kg)	92798	Consult
3000 lb	(1360.8 kg)	92799	Consult
5000 lb	(2268.0 kg)	92800	Consult
10,000 lb	(4535.9 kg)	92801	Consult
20,000 lb	(9071.9 kg)	92802	Consult
RLSB2L			
*35,000 lb	(15,875.7 kg)	65234	Consult
45,000 lb	(20,411.7 kg) 350 ohm	22279	Consult
RLSB2M			
*45,000 lb	(20,411.7 kg) 2000 ohm	31915	Consult
Load Cell Spacer			
(20k)		100117	Consult
(1-5k)		100750	Consult

* Hermetically sealed

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)