

DIMENSIONS

RATED CAPACITY	C	L	H	H1	H2	T
lb/inches						
10	0.75	1.22	1.01	0.25	0.45	#6-32 UNC-2A
25-100	1.00	1.47	1.05	0.25	0.52	#10-32 UNF-2A
250-1,000	1.00	1.77	1.32	0.38	0.53	1/4-28 UNF-2A
2,000-3,000	1.00	1.77	1.75	0.50	0.72	3/8-24 UNF-2A
5,000	1.25	2.02	2.23	0.63	0.94	1/2-20 UNF-2A
7,500-10,000	1.38	2.15	2.88	0.88	1.09	3/4-16 UNF-2A
kg/mm (conversion of above dimensions)						
4.54	19.1	31.1	25.7	6.4	11.4	#6-32 UNC-2A
11.34-45.36	25.4	37.4	26.7	6.4	13.2	#10-32 UNF-2A
113.40-453.6	25.4	44.9	33.5	9.7	13.4	1/4-28 UNF-2A
907.18-1,360.78	25.4	44.9	44.5	12.7	18.3	3/8-24 UNF-2A
2,267.96	31.8	51.3	56.6	16.0	23.9	1/2-20 UNF-2A
3,401.94-4,535.92	34.9	54.0	73.2	22.4	27.7	3/4-16 UNF-2A

SPECIFICATIONS

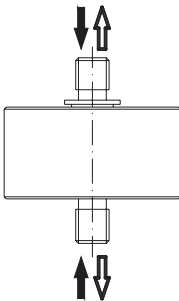
Full Scale Output	2.0 mV/V \pm 20%	Element Material	Stainless Steel
Zero Balance	\pm 0.04mV/V	Recommended Excitation	5V (10V Maximum)
Non-linearity	$\leq \pm 0.2\%$	Insulation Resistance	>2 [50V DC] G Ω
Repeatability	$\leq \pm 0.1\%$	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	$\leq \pm 0.2\%$	Safe Overload	150% of full scale
Creep in 30 min.	$\leq \pm 0.2\%$	Breaking Overload	300% of full scale
Input Resistance	350 Ω \pm 10	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 Ω \pm 10		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10lb.....	247BSWM-10lb.....	0.10
25lb.....	247BSWM-25lb.....	0.12
50lb.....	247BSWM-50lb.....	0.12
100lb.....	247BSWM-100lb.....	0.12
250lb.....	247BSWM-250lb.....	0.12
500lb.....	247BSWM-500lb.....	0.12
1Klb.....	247BSWM-1Klb.....	0.12
2Klb.....	247BSWM-2Klb.....	0.20
3Klb.....	247BSWM-3Klb.....	0.20
5Klb.....	247BSWM-5Klb.....	0.20
7.5Klb.....	247BSWM-7.5Klb.....	0.40
10Klb.....	247BSWM-10Klb.....	0.40

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

APPLICATION EXAMPLES



Compression:

+Output cable Color Code:

Exc+ Red Exc- Black
Sig+ Green Sig- White
Shield Bare

Tension:

+Output cable Color Code:

Exc+ Red Exc- Black
Sig+ White Sig- Green
Shield Bare

Product Datasheet Disclaimer

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