



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	T1	T2
247AA: kg/mm						
1-20	20.0	15.0	11.0	4.0	M3	M3 Depth4.0
lb/inches (conversion of above dimensions)						
2.20-44.09	0.79	0.59	0.43	0.16	M3	M3 Depth0.16
247AS: kg/mm						
30-200	20.0	15.0	11.0	4.0	M3	M3 Depth5.0
500-2,000	25.4	18.0	15.0	5.0	M5	M4 Depth7.0
5,000	40.0	32.0	25.0	8.0	M12	M4 Depth6.0
lb/inches (conversion of above dimensions)						
66.14-440.92	0.79	0.59	0.43	0.16	M3	M3 Depth0.20
1,102.3-4,409.2	1.00	0.71	0.59	0.20	M5	M4 Depth0.28
11,023.1	1.57	1.26	0.98	0.31	M12	M4 Depth0.24

SPECIFICATIONS

Full Scale Output	Cap. ≤20kg: 1.0 ± 20% mV/V; Cap. ≥30kg: 1.5 ± 20% mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	< ± 0.5%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.3%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.5%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.5%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	400 Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350 Ω ± 3		
Element Material	Cap. ≤20kg: Aluminum Cap. ≥30kg: 17-4PH Stainless Steel		

PART NUMBER

Rated Capacity	Part No.	Shipping Weight (kg) Approx.
1kg	247AA-1kg	0.04
2kg	247AA-2kg	0.04
5kg	247AA-5kg	0.04
10kg	247AA-10kg	0.04
20kg	247AA-20kg	0.04
30kg	247AS-30kg	0.07
50kg	247AS-50kg	0.07
100kg	247AS-100kg	0.07
150kg	247AS-150kg	0.07
200kg	247AS-200kg	0.07
500kg	247AS-500kg	0.07
1t	247AS-1t	0.07
2t	247AS-2t	0.07
5t	247AS-5t	0.21

APPLICATION EXAMPLES

