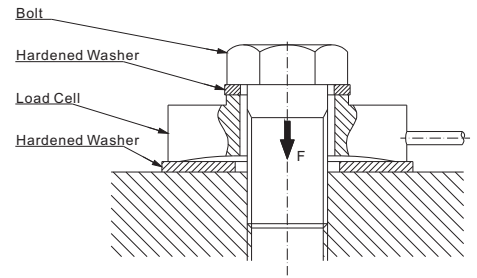
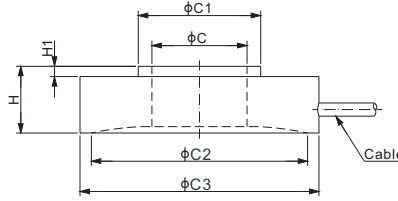


296AS



Stainless Steel



CE RoHS

RATED CAPACITY	Screw Size	C	DIMENSIONS			H	H1	Cable
			C1	C2	C3			
N/mm								
50-100	M3	3.5	7.5	22.0	25.4	7.1	1.1	φ1.4X3m
500	M6	6.8	11.0	22.0	25.4	7.1	1.1	φ1.4X3m
5,000	M10	10.1	13.0	23.0	25.4	7.1	1.1	φ1.4X3m
20,000	M12	13.2	21.0	31.0	38.1	12.7	1.0	φ2.7X3m
20,000	M16	16.7	21.0	31.0	38.1	12.7	1.0	φ2.7X3m
50,000	M10	10.1	20.0	42.0	50.8	16.0	1.0	φ2.7X3m
50,000	M12	13.2	20.0	42.0	50.8	16.0	1.0	φ2.7X3m
50,000	M16	16.7	22.0	42.0	50.8	16.0	1.0	φ2.7X3m
100,000	M20	20.3	33.0	61.0	76.2	25.4	2.0	φ2.7X3m
100,000	M26	26.2	40.0	61.0	76.2	25.4	2.0	φ2.7X3m
100,000	M32	32.5	42.0	61.0	76.2	25.4	2.0	φ2.7X3m
N/inches								
50-100	1/8	0.14	0.30	0.87	1.00	0.28	0.04	φ1.4X3m
500	1/4	0.27	0.43	0.87	1.00	0.28	0.04	φ1.4X3m
5,000	3/8	0.40	0.51	0.91	1.00	0.28	0.04	φ1.4X3m
20,000	1/2	0.52	0.83	1.22	1.50	0.50	0.04	φ2.7X3m
20,000	5/8	0.66	0.83	1.22	1.50	0.50	0.04	φ2.7X3m
50,000	3/8	0.40	0.79	1.65	2.00	0.63	0.04	φ2.7X3m
50,000	1/2	0.52	0.79	1.65	2.00	0.63	0.04	φ2.7X3m
50,000	5/8	0.66	0.87	1.65	2.00	0.63	0.04	φ2.7X3m
100,000	3/4	0.80	1.30	2.40	3.00	1.00	0.08	φ2.7X3m
100,000	1	1.03	1.57	2.40	3.00	1.00	0.08	φ2.7X3m
100,000	1-1/4	1.28	1.65	2.40	3.00	1.00	0.08	φ2.7X3m

SPECIFICATIONS

Full Scale Output	Cap. ≤50N: 1.0 mV/V ± 20%; Cap. >50N: 2.0 mV/V ± 20%	Insulation Resistance	>2 [50V DC] GΩ
Zero Balance	± 0.02 mV/V	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Non-linearity	< ± 0.5%	Safe Overload	150% of full scale
Repeatability	< ± 0.5%	Breaking Overload	300% of full scale
Hysteresis Error	< ± 0.5%	Seal Type / IP Rating	Environmentally Sealed / IP66
Creep in 30 min.	< ± 0.5%	Cable Color Code	Cap. ≤5,000N: Exc+ Red Exc- Black Sig+ Green Sig- Yellow Shield Bare Cap. >5,000N: Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Input Resistance	700 Ω ± 25		
Output Resistance	700 Ω ± 3		
Element Material	17-4PH Stainless Steel		
Recommended Excitation	10V (15V Maximum)		

PART NUMBER

Rated Capacity	Screw Size	Part No.	Weight (kg) Approx.
50N.....	M3 or 1/8.....	296ASA1-50N.....	0.03
100N.....	M3 or 1/8.....	296ASA1-100N.....	0.03
500N.....	M6 or 1/4.....	296ASA2-500N.....	0.03
5kN.....	M10 or 3/8.....	296ASA3-5kN.....	0.03
20kN.....	M12 or 1/2.....	296ASB1-20kN.....	0.11
	M16 or 5/8.....	296ASB2-20kN.....	0.11
50kN.....	M10 or 3/8.....	296ASC1-50kN.....	0.25
	M12 or 1/2.....	296ASC2-50kN.....	0.25
	M16 or 5/8.....	296ASC3-50kN.....	0.25
100kN.....	M20 or 3/4.....	296ASD1-100kN.....	0.9
	M26 or 1.....	296ASD2-100kN.....	0.9
	M32 or 1-1/4.....	296ASD3-100kN.....	0.9

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