



RATED CAPACITY	Screw Size	C	C1	C2	C3	H	H1
<b>N/mm</b>							
50-100	M3	3.5	7.5	22.0	25.4	7.1	1.1
500	M6	6.8	11.0	22.0	25.4	7.1	1.1
5,000	M10	10.1	13.0	23.0	25.4	7.1	1.1
20,000	M12	13.2	21.0	31.0	38.1	12.7	1.0
20,000	M16	16.7	21.0	31.0	38.1	12.7	1.0
50,000	M10	10.1	20.0	42.0	50.8	16.0	1.0
50,000	M12	13.2	20.0	42.0	50.8	16.0	1.0
50,000	M16	16.7	22.0	42.0	50.8	16.0	1.0
100,000	M20	20.3	33.0	61.0	76.2	25.4	2.0
100,000	M26	26.2	40.0	61.0	76.2	25.4	2.0
100,000	M32	32.5	42.0	61.0	76.2	25.4	2.0
200,000	M20	20.3	33.0	61.0	76.2	25.4	2.0
200,000	M26	26.2	40.0	61.0	76.2	25.4	2.0
200,000	M32	32.5	42.0	61.0	76.2	25.4	2.0
<b>N/inches</b>							
50-100	1/8	0.14	0.30	0.87	1.00	0.28	0.04
500	1/4	0.27	0.43	0.87	1.00	0.28	0.04
5,000	3/8	0.40	0.51	0.91	1.00	0.28	0.04
20,000	1/2	0.52	0.83	1.22	1.50	0.50	0.04
20,000	5/8	0.66	0.83	1.22	1.50	0.50	0.04
50,000	3/8	0.40	0.79	1.65	2.00	0.63	0.04
50,000	1/2	0.52	0.79	1.65	2.00	0.63	0.04
50,000	5/8	0.66	0.87	1.65	2.00	0.63	0.04
100,000	3/4	0.80	1.30	2.40	3.00	1.00	0.08
100,000	1	1.03	1.57	2.40	3.00	1.00	0.08
100,000	1-1/4	1.28	1.65	2.40	3.00	1.00	0.08
200,000	3/4	0.80	1.30	2.40	3.00	1.00	0.08
200,000	1	1.03	1.57	2.40	3.00	1.00	0.08
200,000	1-1/4	1.28	1.65	2.40	3.00	1.00	0.08

SPECIFICATIONS			
Full Scale Output	Cap. ≤ 50N: 1.0 mV/V ± 20%; Cap. > 50N: 2.0 mV/V ± 20%	Element Material	17-4PH Stainless Steel
		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	< ± 0.5%	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	700Ω ± 25	Cable Color Code	Exc+ Red    Exc- Black
Output Resistance	700Ω ± 3		Sig+ Green    Sig- White    Shield Bare

PART NUMBER*			
Rated Capacity	Screw Size	Part No.	Weight Approx. (kg)
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

PART NUMBER*			
Rated Capacity	Screw Size	Part No.	Weight Approx. (kg)
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
200kN.....	M20 or 3/4.....	296ASE1-200kN.....	0.9
	M26 or 1.....	296ASE2-200kN.....	0.9
	M32 or 1-1/4.....	296ASE3-200kN.....	0.9

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

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