



DIMENSIONS

RATED CAPACITY	L	L1	L2	L3	L4	H	H1	H2	H3	H4	W	D	D1	D2
kN/mm														
5-20	155.0	15.0	80.0	35.0	76.0	36.0	6.0	21.0	7.0	4.0	30.0	18.0	4.3	13.0
50	190.0	21.0	105.0	40.0	93.0	49.0	8.0	28.5	6.0	8.0	43.0	25.0	4.3	21.0
100	245.0	30.0	135.0	50.0	120.0	73.0	12.5	42.0	10.0	-	60.0	30.0	4.3	27.0
kN/inches (conversion of above dimensions)														
5-20	6.10	0.59	3.15	1.38	2.99	1.42	0.24	0.83	0.28	0.16	1.18	0.71	0.17	0.51
50	7.48	0.83	4.13	1.57	3.66	1.93	0.31	1.12	0.24	0.31	1.69	0.98	0.17	0.83
100	9.46	1.18	5.31	1.97	4.72	2.87	0.49	1.65	0.39	-	2.36	1.18	0.17	1.06

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.1 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.017%	Safe Overload	200% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.017%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	1100Ω ± 50	Cable Color Code	Exc+ Green Exc- Black
Output Resistance	1000Ω ± 5		Sig+ White Sig- Red
Element Material	17-4PH Stainless Steel		Shield Yellow

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
5kN.....	563YSMT-4-5kN.....	1.2
10kN.....	563YSMT-4-10kN.....	1.2
20kN.....	563YSMT-4-20kN.....	1.2
50kN.....	563YSMT-4-50kN.....	-
100kN.....	563YSMT-4-100kN.....	-

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

INTERCHANGEABLE REFERENCE

Brand	Model
Flintec.....	SB4

5kN-10kN: NTEP 1:5 000 Class III, Single Cell;
NTEP 1:9 500 Class III, Multiple Cell
20kN-50kN: NTEP 1:6 000 Class III, Single Cell;
NTEP 1:10 000 Class III, Multiple Cell

5kN-20kN: OIML MAA C5, Y=26 000;
50kN-100kN: OIML MAA C6, Y=8 500
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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