



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	L4	W	T
lb/inches											
250-4,000; SE5,000	0.53	0.53	1.25	0.62	5.12	2.25	3.00	1.00	0.62	1.25	1/2-20 UNF-2B
5,000-10,000	0.78	0.78	1.50	0.75	6.75	3.00	3.75	1.50	0.75	1.50	3/4-16 UNF-2B
15,000-20,000	1.03	1.03	2.00	1.00	8.88	4.00	4.88	2.00	1.00	2.00	1-14 UNS-2B

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Element Material	Alloy Steel, Nickel Plated
Zero Balance	± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	Cap. ≤ 500lb: < ± 0.05%;	Insulation Resistance	> 2 [50V DC] GΩ
	Cap. > 500lb: < ± 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.02%	Safe Overload	150% of full scale
Hysteresis Error	Cap. ≤ 500lb: < ± 0.05%;	Breaking Overload	300% of full scale
	Cap. > 500lb: < ± 0.02%	Seal Type / IP Rating	Environmentally Sealed / IP67
Creep in 30 min.	< ± 0.025%	Cable Color Code	Exc+ Red Exc- Black
Input Resistance	350 Ω ± 7		Sig+ Green Sig- White
Output Resistance	350 Ω ± 3		Shield Bare

PART NUMBER

Rated Capacity	Part No.	Weight (kg) Approx.
250lb.....	563YH-23A-250lb.....	1.0
500lb.....	563YH-23A-500lb.....	1.0
1Klb.....	563YH-23-1Klb.....	1.0
1.5Klb.....	563YH-23-1.5Klb.....	1.0
2Klb.....	563YH-23-2Klb.....	1.0
2.5Klb.....	563YH-23-2.5Klb.....	1.0
4Klb.....	563YH-23-4Klb.....	1.0
SE5Klb.....	563YH-23-SE5Klb.....	1.0
5Klb.....	563YH-23-5Klb.....	1.8
10Klb.....	563YH-23-10Klb.....	1.8
15Klb.....	563YH-23-15Klb.....	4.0
20Klb.....	563YH-23-20Klb.....	4.0

SE refers to small envelope

INTERCHANGEABLE REFERENCE

Manufacturer	Model
Vishay Sensortronics.....	65023

- 250lb-2.5Klb: NTEP 1:5 000 Class III, Single Cell;
NTEP 1:9 500 Class III, Multiple Cell
- 4Klb-20Klb: NTEP 1:6 000 Class III, Single Cell;
NTEP 1:10 000 Class III, Multiple Cell
- 1Klb-5Klb: OIML MAA C4, Y=15 000;
- 10Klb-20Klb: OIML MAA C6, Y=8 500