



DIMENSIONS

RATED CAPACITY	H	L	W	T
lb/inches				
50-250	2.50	2.00	0.50	1/4-28 UNF-2B
500	3.00	2.00	0.75	1/2-20 UNF-2B
1,000-3,000	3.00	2.00	1.11	1/2-20 UNF-2B
5,000; 10,000	4.00	3.00	1.00	3/4-16 UNF-2B
15,000	5.50	4.00	1.25	1-14 UNS-2B
20,000	7.00	5.00	2.00	1 1/4-12 UNF-2B
kg/mm (conversion of above dimensions)				
22.68-113.4	63.5	50.8	12.7	1/4-28 UNF-2B
226.8	76.2	50.8	19.1	1/2-20 UNF-2B
453.6-1,360.8	76.2	50.8	28.2	1/2-20 UNF-2B
2,268; 4,535.9	101.6	76.2	25.4	3/4-16 UNF-2B
6,803.9	139.7	101.6	31.8	1-14 UNS-2B
9,071.8	177.8	127.0	50.8	1 1/4-12 UNF-2B

SPECIFICATIONS

Full Scale Output	3.0 ± 1% mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	350 Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350 Ω ± 3		
Element Material	17-4PH Stainless Steel		

PART NUMBER

Rated Capacity	Part No.	Shipping Weight (kg) Approx.
50lb.....	101NSGS-50lb.....	0.5
100lb.....	101NSGS-100lb.....	0.5
250lb.....	101NSGS-250lb.....	0.5
500lb.....	101NSGS-500lb.....	0.7
1Klb.....	101NSGS-1Klb.....	1.0
2Klb.....	101NSGS-2Klb.....	1.0
2.5Klb.....	101NSGS-2.5Klb.....	1.0
3Klb.....	101NSGS-3Klb.....	1.0
5Klb.....	101NSGS-5Klb.....	1.4
10Klb.....	101NSGS-10Klb.....	1.4
15Klb.....	101NSGS-15Klb.....	3.0
20Klb.....	101NSGS-20Klb.....	7.0

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Vishay Celtron.....	STC-SS
Vishay Revere Transducers.....	9363
Vishay Sensortronics.....	60050

- 100lb-3Klb: NTEP 1:3000 Class III, Single Cell;
- 5Klb-20Klb: NTEP 1:4500 Class III, Single Cell
- 200kg-1.5t: OIML MAA C3, Y=17 000;
- 2t-10t: OIML MAA C4.5, Y=14 000