

DIMENSIONS

RATED CAPACITY	H	L	W	W1	T
lb/inches					
50-250	2.50	2.00	0.50	0.65	1/4-28 UNF-2B
500	3.00	2.00	0.75	0.89	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 1/2-12 UNF-2B
kg/mm (conversion of above dimensions)					
22.68-113.4	63.5	50.8	12.7	16.6	1/4-28 UNF-2B
226.8	76.2	50.8	19.1	22.6	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 1/2-12 UNF-2B

SPECIFICATIONS			
Full Scale Output	3.0 mV/V ± 1%	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	Cap. ≤ 500lb: Environmentally Sealed / IP66
Input Resistance	350Ω ± 7	Cable Color Code	Cap. ≥ 1Klb: Environmentally Sealed / IP67
Output Resistance	350Ω ± 3		Exc+ Red Exc- Black
Element Material	17-4PH Stainless Steel		Sig+ Green Sig- White Shield Bare

PART NUMBER*			
Rated Capacity	Deflection Emax(inch)	Part No.	Weight Approx.(lb)
50lb.....	-.....	101NSGS-50lb.....	1.1
100lb.....	-.....	101NSGS-100lb.....	1.1
250lb.....	-.....	101NSGS-250lb.....	1.1
500lb.....	-.....	101NSGS-500lb.....	1.5
1Klb.....	0.003-0.007.....	101NSGS-1Klb.....	1.8
1.5Klb.....	-.....	101NSGS-1.5Klb.....	1.8
2Klb.....	-.....	101NSGS-2Klb.....	1.8
2.5Klb.....	-.....	101NSGS-2.5Klb.....	1.8
3Klb.....	-.....	101NSGS-3Klb.....	1.8
5Klb.....	-.....	101NSGS-5Klb.....	2.9
10Klb.....	-.....	101NSGS-10Klb.....	2.9
15Klb.....	-.....	101NSGS-15Klb.....	6.6
20Klb.....	-.....	101NSGS-20Klb.....	15.0

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

INTERCHANGEABLE REFERENCE	
Brand	Model
Artech.....	SS20210
Coti Global.....	CGSB-SS
Mettler-Toledo.....	SLS510*
Rice Lake.....	RL20000 SS
Rice Lake.....	RL20000 ST
Vishay Celtron.....	STC-SS
Vishay Revere Transducers.....	9363
Vishay Sensortronics.....	60050

* SLS510's height of 500lb-2Klb: 2.40inch; 3Klb: 3.90inch.
Thread of SLS 15Klb: 1-14 UNF-2B.



100lb-500lb: up to NTEP 1:4 500 Class III, Single Cell;
1Klb-20Klb: up to NTEP 1:5 500 Class III, Single Cell
200kg-1.5t: up to OIML MAA C3, Y=17 000;
2t-10t: up to OIML MAA C4.5, Y=14 000
For further available P/N's & specifications per
NTEP/OIML classes, please contact us.

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