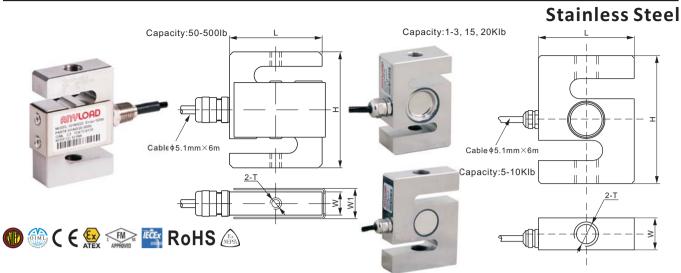
101NSGS



DIMENSIONS

RATED CAPACITY	н	L	w	W1	т
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 / ₄ -12 UNF-2B
kg/mm (conversion of ab	ove 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 / ₄ -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.(Ib)		
1001b 2501b 5001b 1K1b 1.5K1b 2K1b 2.5K1b 3K1b 5K1b	 0.003-0.007 	101NSGS- 101NSGS- 101NSGS- 101NSGS- 101NSGS- 101NSGS- 101NSGS- 101NSGS- 101NSGS-	50lb		
15Klb		101NSGS-	15Klb6.6 20Klb15.0		

 * 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	
Vishay Sensortronics	60050
* SLS510's height of 500lb-2Klb: 2.40inch; 3I	Klb: 3.90inch.

Thread of SLS 15Klb: 1-14 UNF-2B.

100Ib-500Ib: up to NTEP 1:4 500 Class III, Single Cell;
1KIb-20KIb: 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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