

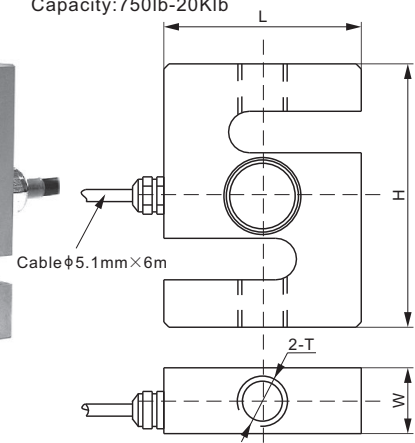
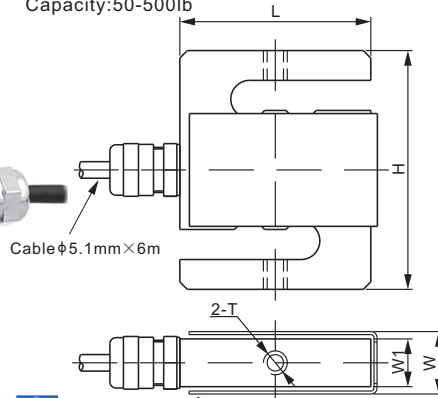
101NH



Alloy Steel

Capacity:50-500lb

Capacity:750lb-20Klb



RATED CAPACITY	H	L	DIMENSIONS			T	Shipping Weight(kg)
lb/inches			W	W1			
50-250	2.50	2.00	0.65	0.50		1/4-28 UNF-2B	0.6
500	3.00	2.00	0.89	0.75		1/2-20 UNF-2B	0.7
750-3,000	3.00	2.00	1.11	-		1/2-20 UNF-2B	0.9
5,000; 10,000	4.00	3.00	1.00	-		3/4-16 UNF-2B	1.5
15,000	5.50	4.00	1.25	-		1-14 UNS-2B	3.0
20,000	7.00	4.92	2.00	-		1 1/4-12 UNF-2B	6.8

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 Cap. ≥ 750lb: 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	Alloy Steel, Nickel Plated		

Rated Capacity	Width	Part Number*	INTERCHANGEABLE REFERENCE						
			Coti-Global		Rice Lake		Vishay		
			CGSB	CGSB-1	RL20000	RL20001	Celtron	Revere	Sensortronics
50lb	W:0.65" (H:2.5")	101NH-50lb	W:0.75"	W:0.75"	W:0.75"			(H:2.4?)	
100lb	W:0.65" (H:2.5")	101NH-100lb	W:0.75"	W:0.75"	W:0.75"			(H:2.4?)	
200lb	W:0.65" (H:2.5")	101NH-200lb	W:0.75"	W:0.75"	W:0.75"			(H:2.4?)	
250lb	W:0.65" (H:2.5") (L:2") (T: 1/4-28 UNF-2B)	101NH-250lb	W:0.75" (H:3") (T: 3/8-24 UNF-2B)	W:0.75"	W:0.75"	W: 0.75" (L: 3") (T: 3/8-24 UNF-2B)	W: 1.05" (H: 3") (T: 3/8-24 UNF-2B)	(H:2.4?)	W: 0.75" (H: 3") (T: 3/8-24 UNF-2B)
500lb	W:0.89" (H:3")	101NH-500lb	W:1.00"	W:1.00" (H:2.5")	W:1.00" (H:2.5")	W:1.00"	W:1.2"	W:0.9" (H:2.4")	W:1.00"
750lb	W:1.11" (H:3")	101NH-750lb	W:1.00"	W:1.00" (H:2.5")	W:1.00" (H:2.5")	W:1.00"	W:1.2"	W:0.9" (H:2.4")	W:1.00"
1Klb	W:1.11" (H:3")	101NH-1Klb	W:1.00"	W:1.00" (H:2.5")	W:1.00" (H:2.5")	W:1.00"	W:1.03"	W:0.9" (H:2.4")	W:1.00"
1.5Klb	W:1.11" (H:3")	101NH-1.5Klb	W:1.00"	W:1.00" (H:2.5")	W:1.00" (H:2.5")	W:1.00"	W:1.03"	W:0.9" (H:2.4")	W:1.00"
2Klb	W:1.11" (H:3")	101NH-2Klb	W:1.00"	W:1.00" (H:2.5")	W:1.25" (H:2.5")	W:1.00"	W:1.25"	W:1.15" (H:2.4")	W:1.00"
2.5Klb	W:1.11" (H:3") (L:2")	101NH-2.5Klb	W:1.00"	W:1.00" (H:2.5")	W:1.25" (H:2.5") (L:3")	W:1.25"	W:1.25"	W:1.15" (H:2.4")	W:1.25"
3Klb	W:1.11" (H:3") (L:2") (T: 1/2-20 UNF-2B)	101NH-3Klb	W:1.00"	W:1.0" (H:4.0") (L:3")	W:1.25" (H:4") (L:3")	W:1.25"	W:1.25"	W:1.15" (H:3.9") (T: 3/4-16 UNF-2B)	W:1.25"
5Klb	W:1" (H:4")	101NH-5Klb	(H: 4.25?)		W:1.25"	W:1.25" (H:4.25")	W:1.25" (H:4.25")	W:1.15" (H:3.90")	W:1.25" (H:4.25")
10Klb	W:1" (H:4") (L:3")	101NH-10Klb	(H: 4.75?)		W:1.25"	W:1.25" (H:4.75") (L:3.50")	W:1.25" (H:4.75") (L:3.50")	W:1.15" (H:3.90") (L:2.94")	W:1.25" (H:4.75") (L:3.50")
15Klb	W:1.25" (L:4") (T: 1-14 UNS-2B)	101NH-15Klb			W:1.5" (T:1-12 UNF)	W:1.50"	W:1.50"	W:1.65" (L:3.44")	W:1.50"
20Klb	W:2.0" (L:4.92")	101NH-20Klb	(L:5.00?)		W:2.25" (L:5.00")	W:2.25" (L:5.00")	W:2.19" (L:5.00")	W:1.88" (L:4.44")	W:2.25" (L:5.00")

100lb-500lb: NTEP 1:4 500 Class III, Single Cell; 1Klb-20Klb: NTEP 1:5 500 Class III, Single Cell

200kg-1.5t: OIML MAA C3, Y=17 000; 2t-10t: OIML MAA C4.5, Y=14 000

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

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