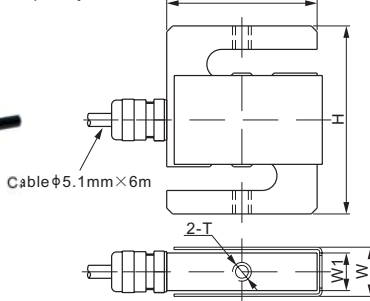


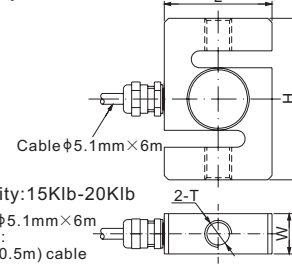
## Alloy Steel



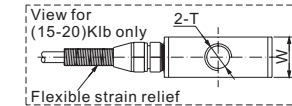
Capacity:50-500lb



Capacity:750lb-10Klb



Capacity:15Klb-20Klb

Cable φ5.1mm×6m  
Option:  
35ft (10.5m) cableRATED  
CAPACITY

H

L

## DIMENSIONS

W

W1

T

Shipping  
Weight(lb)

## lb/inches

50-300	2.50	2.00	0.65	0.50	1/4-28 UNF-2B	1.3
500	3.00	2.00	0.89	0.75	1/2-20 UNF-2B	1.5
750-3,000	3.00	2.00	1.11	-	1/2-20 UNF-2B	2.0
5,000; 10,000	4.00	3.00	1.00	-	3/4-16 UNF-2B	3.3
15,000	5.50	4.00	1.25	-	1-14 UNS-2B	6.6
20,000	7.00	4.92	2.00	-	1 1/4-12 UNF-2B	15.0

## 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	350Ω ± 7	Cable Color Code	Exc+ Red      Exc- Black Sig+ Green    Sig- White    Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

Rated Capacity	Deflection Emax (inch)	Width	Part Number*	INTERCHANGEABLE REFERENCE							
				Artech	Coti-Global		Rice Lake		Vishay		
		Height			20210	CGSB	CGSB-1	RL20000	RL20001	Celtron STC	Revere 363
50lb	0.004-0.008	W:0.65" (H:2.5")	101NH-50lb	W:0.75"	W:0.75"	W:0.75"	W:0.75"			(H:2.4")	
100lb	0.004-0.008	W:0.65" (H:2.5")	101NH-100lb	W:0.75"	W:0.75"	W:0.75"	W:0.75"			(H:2.4")	
200lb	0.005-0.009	W:0.65" (H:2.5")	101NH-200lb	W:0.75"	W:0.75"	W:0.75"	W:0.75"			(H:2.4")	
250lb 300lb	0.005-0.009	W:0.65" (H:2.5") (L:2") (T: 1/4-28 UNF-2B)	101NH-250lb 101NH-300lb	W:0.75"	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	0.005-0.009	W:0.89" (H:3")	101NH-500lb	W:1.00" (H:2.5")	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	0.004-0.008	W:1.11" (H:3")	101NH-750lb	W:1.00" (H:2.5")	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	0.004-0.007	W:1.11" (H:3")	101NH-1Klb	W:1.00" (H:2.5")	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	0.005-0.009	W:1.11" (H:3")	101NH-1.5Klb	W:1.00" (H:2.5")	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	0.007-0.011	W:1.11" (H:3")	101NH-2Klb	W:1.00" (H:2.5")	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	0.009-0.012	W:1.11" (H:3") (L:2")	101NH-2.5Klb	W:1.00" (H:2.5")	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	0.010-0.014	W:1.11" (H:3") (L:2") (T: 1/2-20 UNF-2B)	101NH-3Klb	W:1.0" (H:4.0") (L:3")	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	0.012-0.016	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	0.014-0.018	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	0.014-0.018	W:1.25" (L:4") (T: 1-14 UNS-2B)	101NH-15Klb 101NH-15Klb-35ft	W:1.5" (L:3.5")			W:1.5" (T:1-12 UNF-2B)	W:1.50"	W:1.50"	W:1.65" (L:3.44")	W:1.50"
20Klb	0.015-0.019	W:2.0" (L:4.92")	101NH-20Klb 101NH-20Klb-35ft	(L: 4.50?)	(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")

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

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 &amp; specifications per NTEP/OIML classes, please contact customer service.

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