

Tension Compression Load Cell

FEATURES

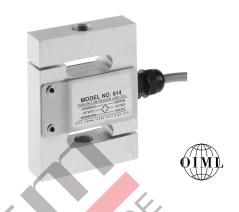
- Capacities 50–500 kg
- Anodized aluminum construction
- OIML R60 approved
- IP67 protection
- For use in tension or compression
- 6 wire (sense) circuit

APPLICATIONS

- Hopper (Tank weighing)
- Hybrid scales
- · Belt weighing
- Lever arm conversions
- Material testing machines
- Vibrations filling equipment
- Dynamometers



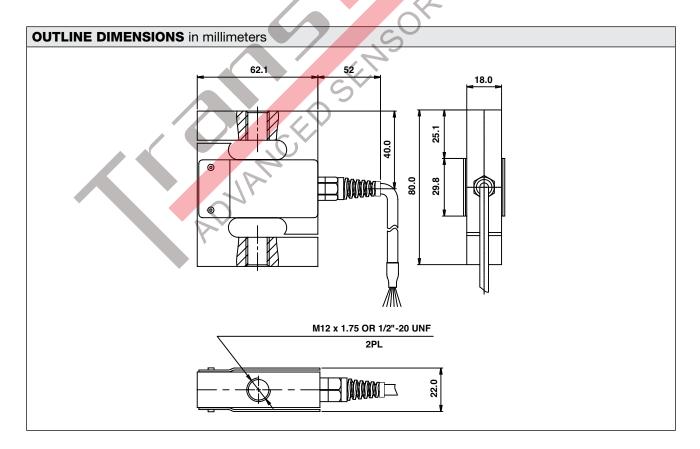
Model 614 is a tension-compression load cell. Humidity resistant coating and shielded cables enable this load cell to be used in harsh environments while maintaining its operating specifications.



The additional sense wires compensate for changes in lead resistance due to temperature change and/or cable extension.

Ideally suited for lever conversions, hanging scales, force measurement and a wide range of other industrial applications.

Model 614 is made from aluminum.



Tel:0755-82908211 Web:www.sensorstech.com

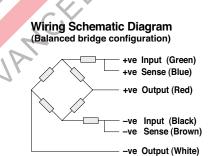


Tension Compression Load Cell

VALUE			UNIT
50, 100, 150, 200, 300, 500		kg	
Non-Approved	C3*		
1000	3000		
2500	8000	12000**	
2.0		mV/V	
	0.2		±% mV/V
	0.02		±% mV/V
0.05	0.017		±% of applied load
0.05	0.020		±% of rated output
0.01	0.0023		±% of rated output/°C
0.003	0.0012		±% of load/°C
-10 to +40			°C
-30 to +70			°C
150		% of R.C.	
300		% of R.C.	
10		VDC or VAC RMS	
15		VDC or VAC RMS	
415±15			Ω
350±3			Ω
>2000			ΜΩ
3.0			m
6-wire, braided PVC, dual floating screen			Standard
Plated (anodized) aluminum			
IP67			
	Non-Approved 1000 2500 0.05 0.05 0.01 0.003	50, 100, 150, 200, 300, 5 Non-Approved C: 1000 30 2500 8000 2.0 0.2 0.02 0.05 0.0 0.01 0.00 -10 to +40 -30 to +70 150 300 10 15 415±15 350±3 >2000 3.0 6-wire, braided PVC, dual floatii Plated (anodized) alumin	50, 100, 150, 200, 300, 500 Non-Approved C3* 1000 3000 2500 8000 12000** 2.0 0.2 0.02 0.05 0.017 0.05 0.020 0.01 0.0023 0.003 0.0012 -10 to +40 -30 to +70 150 300 10 15 415±15 350±3 >2000 3.0 6-wire, braided PVC, dual floating screen Plated (anodized) aluminum

^{* 50%} utilization

^{**} Y=8000 for capacities 50–200 kg. Y=12000 for capacities 300–500 kg. All specifications are subject to change without notice.





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