

614

Tension/Compression Load Cell

SENSOR
TECHNIQUES LIMITED

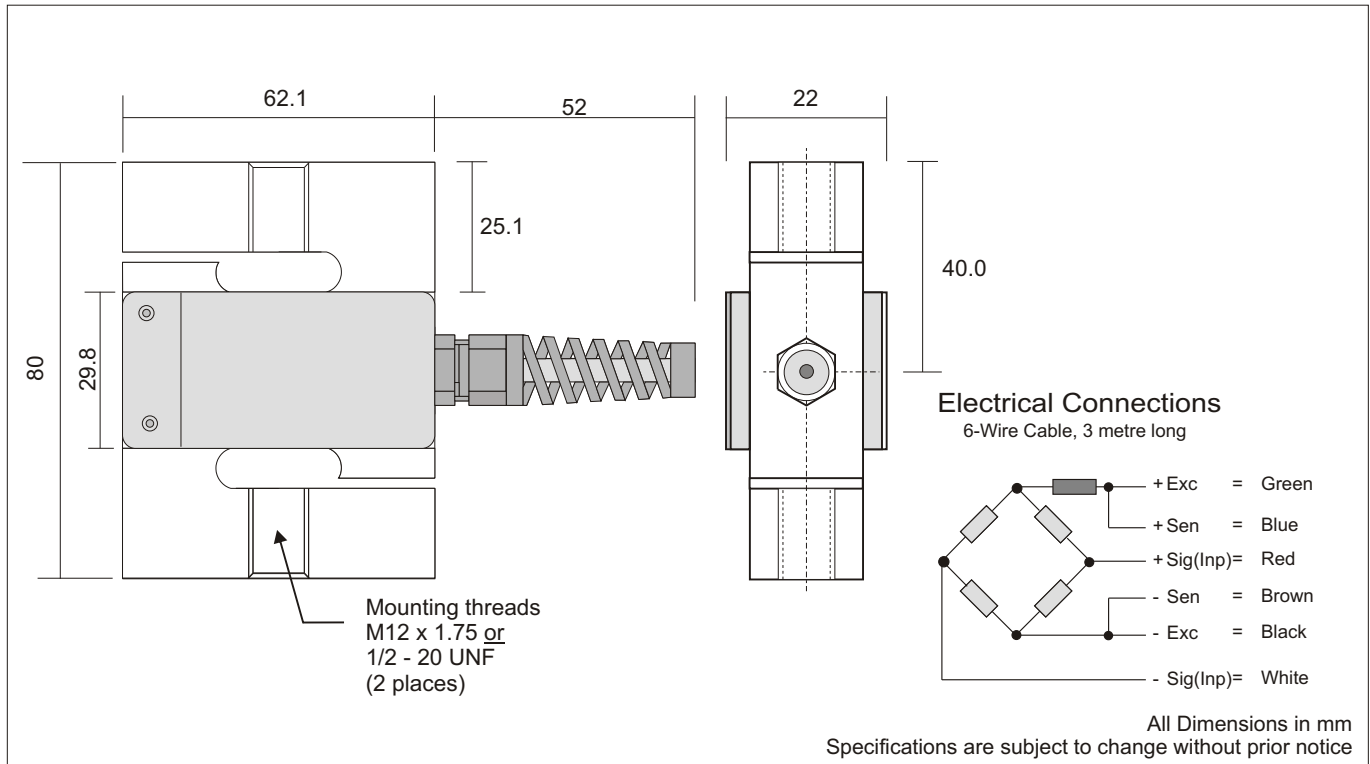


'S' Beam Load Cell, Model 614

- OIML R60 approved 3000 d
- Anodised aluminium construction
- Available in capacity ranges from 50kg to 500kg
- Suitable for tension/compression applications
- Ideal for mechanical scale conversions
- Sealed to IP67
- Cable gland with strain relief
- 3 metre shielded cable with 6 wire technique

GRADE		E	G	C3
Number of Load Cell Intervals	n (max)			3000
Minimum Utilisation	% Rated Cap.			50
Minimum Verification Interval	Vmin=Emax/.			6000
Total Error	% Appl. Load	0.050	0.020	0.020
Zero Return after 30 mins	% Appl. Load	0.050	0.017	0.017
Temperature Effect on : Span	%Appl. Ld./10K	0.030	0.012	0.012
Zero	%ORL/10K	0.100	0.040	0.023
Output at Rated Load (ORL)	mV/V		2	
Output at Rated Load Tolerance	%		± 10	
Input Impedance	Ohm		415 ± 15	
Output Impedance	Ohm		350 ± 3	
Recommended Supply Voltage	V		10	
Compensated Temp. Range	°C		-10 to +40	
Operating Temperature Range	°C		-30 to +70	
Deflection	mm		< 0.4	
Safe Overload	% Rated Cap.		150	
Maximum Overload	% Rated Cap.		200	
Ultimate Overload	% Rated Cap.		300	
Cable Length	m		3	
Construction			Aluminium	
Environmental Protection			IP67	
Rated Capacities (Emax)	Kg		50, 100, 150, 200, 300, 500	

Dimensions



DS614-3, 06/07