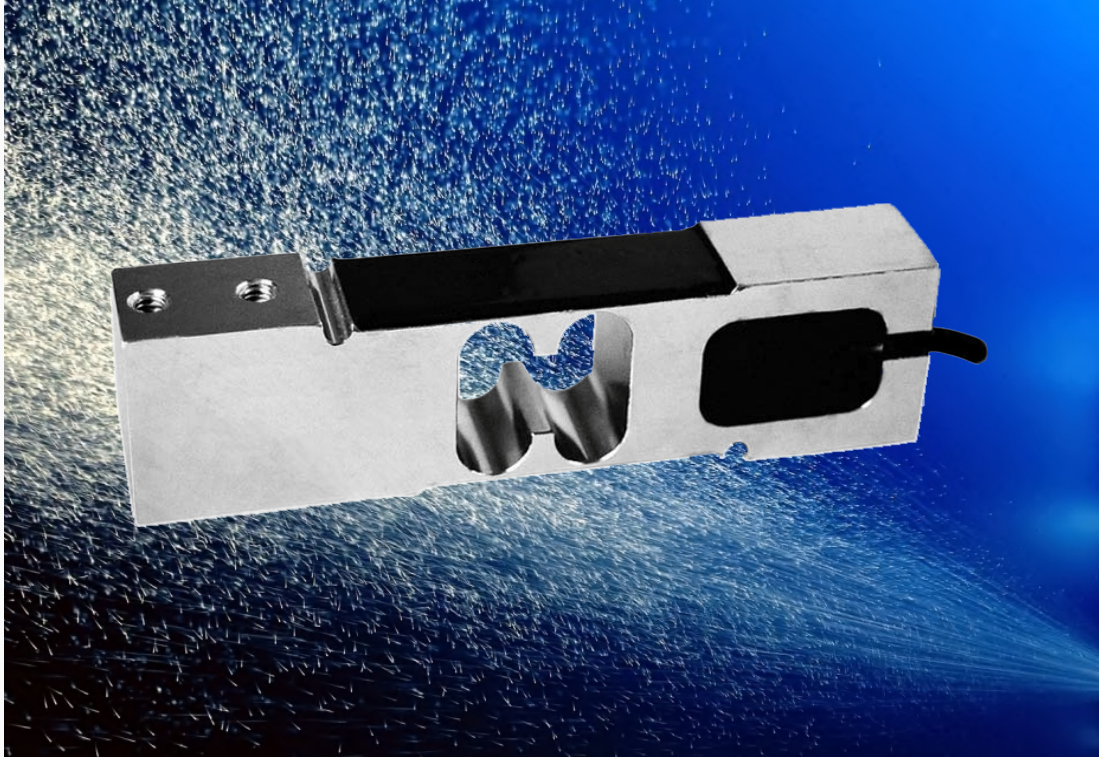


1142

Platform Load Cell

SENSOR
TECHNIQUES LIMITED



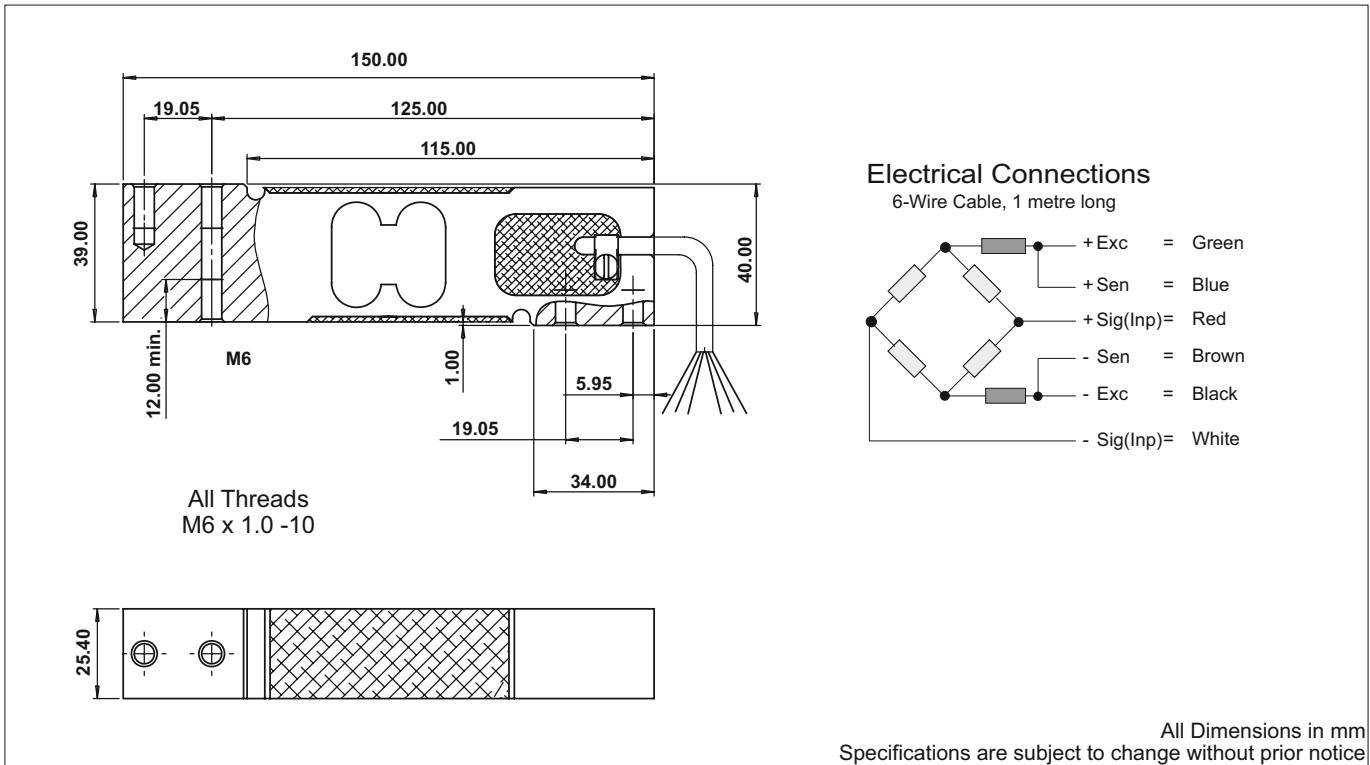
Platform Load Cell, Model 1142

- Approved to OIML R60 3000 D
- Total Error 0.020 %
- Maximum platform size 400 x 400 mm
- Available in capacity ranges from 10kg to 150kg
- Ideal for platform, tank and floor scales
- Compact stainless steel construction
- Sealed to IP66 with a special coating
- 6-wire sense technique with double shielded cable

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	% Rated 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	0.010	0.010
Zero	%ORL/10K	0.100	0.023	0.023
Output at Rated Load (ORL)	mV/V		2	
Output at Rated Load Tolerance	%		± 10	
Input Impedance	Ohm		385 ± 10	
Output Impedance	Ohm		351 ± 5	
Recommended Supply Voltage	V		10	
Compensated Temp. Range	°C		-10 to +40	
Operating Temperature Range	°C		-20 to +70	
Deflection	mm		< 0.4	
Safe Overload	% Rated Cap.		150	
Maximum Overload	% Rated Cap.		200	
Ultimate Overload	% Rated Cap.		300	
Cable Length	m		1	
Typical Platform Size	mm		400 x 400	
Environmental Protection			IP66	
Rated Capacities (Emax)	Kg		10, 15, 20, 30, 50, 75, 100, 150**	

**10, 15 and 150 Kg capacities not approved.

Dimensions



DS1142-4, 03/24