

1004

Platform Load Cell

SENSOR
TECHNIQUES LIMITED



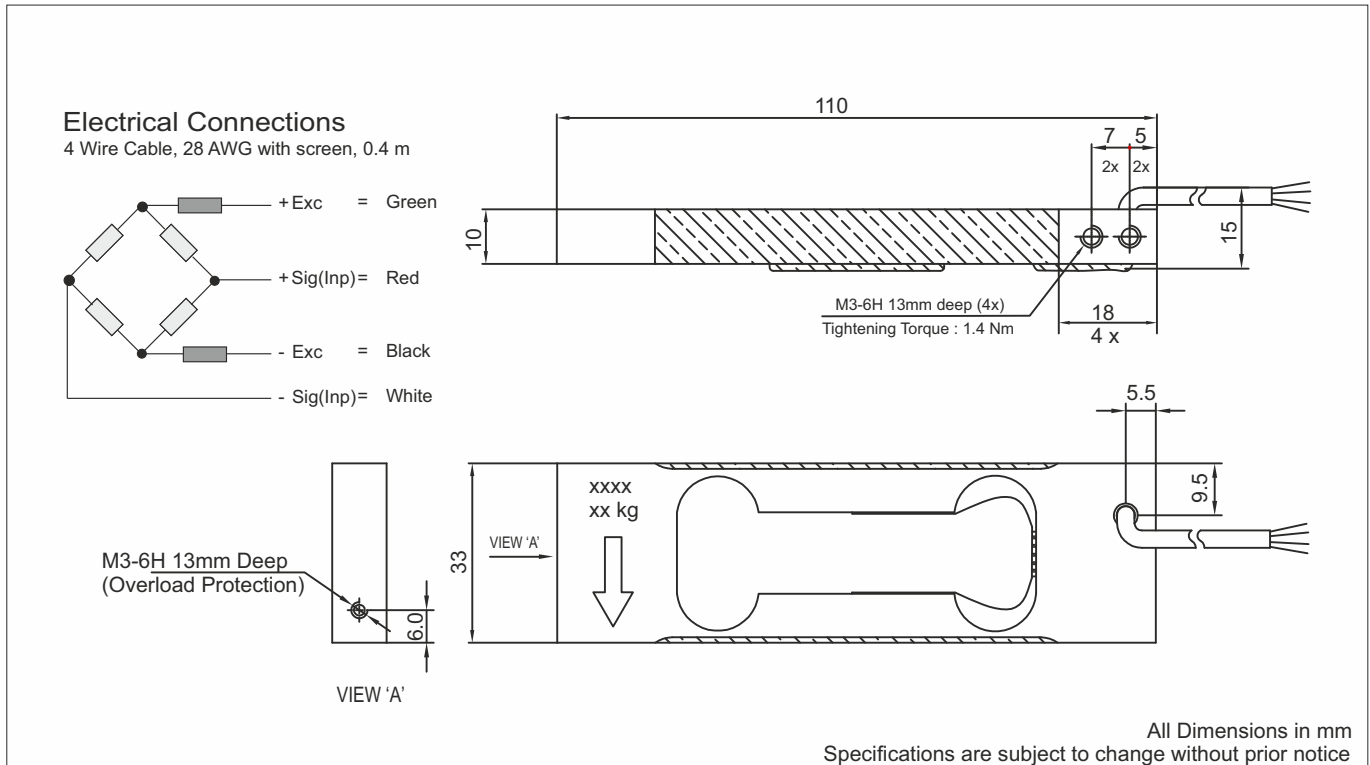
Platform Load Cell, Model 1004

- OIML R60 Approved 3000D
- Very low capacity, high precision single point load cell
- Maximum platform size 200 x 200 mm
- Available in capacity ranges from 0.3kg to 3kg
- Ideal for medical and pharmaceutical industries
- 30,000d short term precision at constant temperature
- Additional threaded hole for overload protection
- Sealed to IP66 with special humidity resistant coating
- Robust aluminium construction

GRADE		GW	HW	JW	C3
Number of Load Cell Intervals					3000
Minimum Utilisation	% Rated Cap.				
Y = Emax/Vmin					
Total Error	% Rated Load	0.010	0.0067	0.0067	0.020
Zero Return after 30 mins	% Appl. Load	0.010*	0.0055*	0.0033*	0.017
Temperature Effect on : Span	%Appl. Ld./10C	0.020	0.020	0.020	0.010
Zero	%ORL/10°C	0.040	0.040	0.040	0.040
Output at Rated Load (ORL)	mV/V		0.9		
Output at Rated Load Tolerance	mV/V		± 0.1		
Zero Balance	mV/V		± 0.04		
Input Impedance	Ohm		415 ± 20		
Output Impedance	Ohm		350 ± 3		
Recommended Supply Voltage	V		10 (max 15)		
Compensated Temp. Range	°C		+5 to +45		
Operating Temperature Range	°C		-30 to +70		
Deflection	mm		< 0.4		
Safe Overload	% Rated Cap.		150		
Ultimate Overload	% Rated Cap.		250		
Cable Length	m		0.4		
Typical Platform Size	mm		200 x 200		
Environmental Protection			IP66		
Rated Capacities (Emax)	kg		0.3, 0.6, 1.5, 3		

* Zero Return after 2 minutes

Dimensions



DS1004-6, 10/17