

1010/1015

Platform Load Cell

SENSOR
TECHNIQUES LIMITED



Platform Load Cell, Model 1010/1015

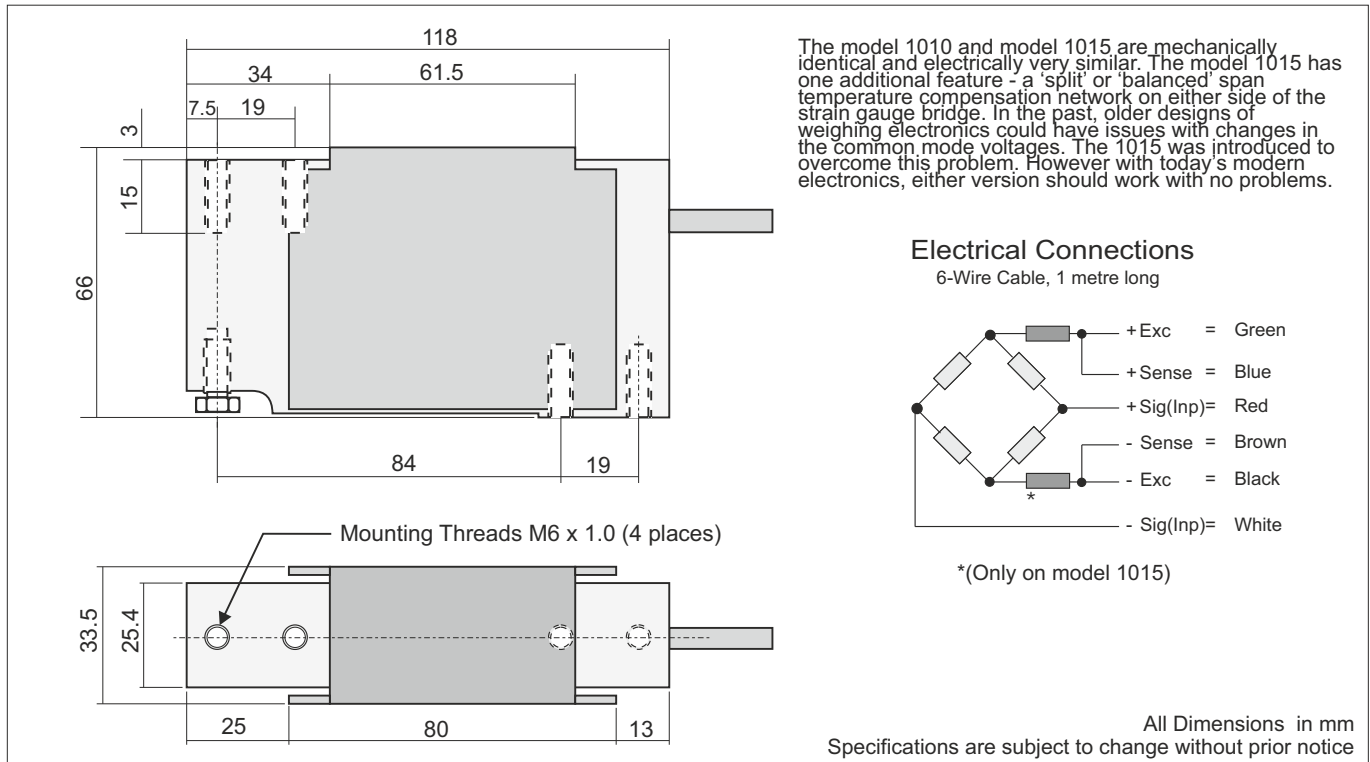
- More than 1 million pieces in use
- Typical platform size 350 x 350 mm
- Available in capacity ranges from 3kg to 90kg
- Ideal for dosing, packing and filling machines
- Compact construction
- High natural frequency and stiffness
- 6 wire cable with Sense and Drain connections
- Optional Environmental sealing to IP67 (Sylgard)

Technical Data

Model 1010/1015

GRADE		E	F	G
Number of Load Cell Intervals	n (max)			
Minimum Utilisation	% Rated Cap.			
Minimum Verification Interval	Vmin=Emax/.			
Total Error	% Rated Load	0.050	0.030	0.020
Zero Return after 30 mins	% Appl. Load	0.050	0.025	0.017
Temperature Effect on : Span	%Appl. Ld./10K	0.030	0.014	0.010
Zero	%ORL/10K	0.100	0.060	0.040
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		-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		350 x 350	
Environmental Protection			IP65, IP67 (Optional)	
Rated Capacities (Emax)	Kg		3, 5, 7, 10, 15, 20, 30, 50, 90	

Dimensions



DS1010/1015-6, 05/17

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