

1250

Platform Load Cell

SENSOR
TECHNIQUES LIMITED



Platform Load Cell, Model 1250

- Approved to OIML R60 3000 D
- Maximum platform size 800 x 800 mm
- Available in capacity ranges from 50kg to 1500kg
- Compact aluminium construction
- Triple beam system with a high natural frequency
- Ideal for platform scales and filling applications
- 6-wire sense technique with double shielded cable
- Optional Environmental sealing to IP67 (Sylgard)
- Optional Hazardous area approval (ATEX) available

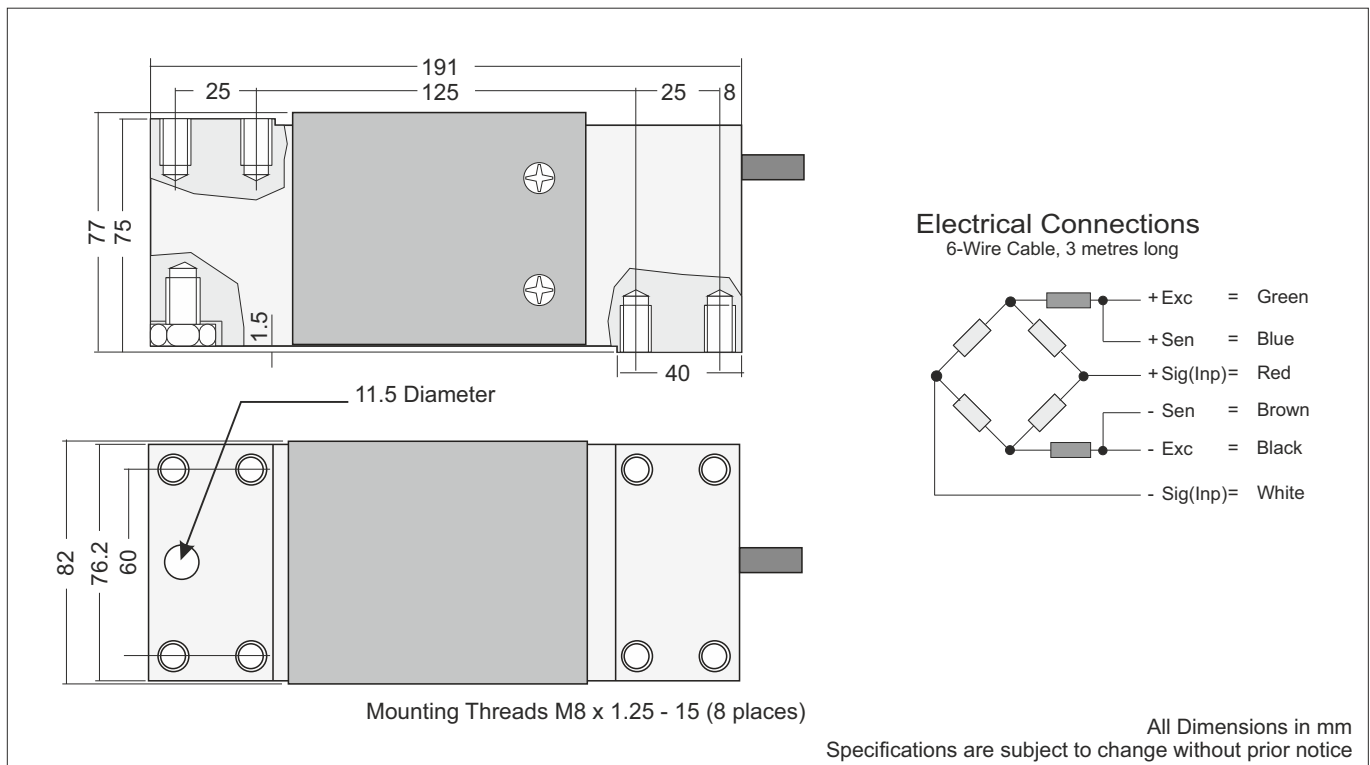
Technical Data

Model 1250

| GRADE | | E | G | C3 |
|--------------------------------|----------------|--|---------------------|-------|
| Number of Load Cell Intervals | n (max) | | | 3000 |
| Minimum Utilisation | % Rated Cap. | | | 30 |
| Minimum Verification Interval | Vmin=Emax/. | | | 10000 |
| 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 | 0.040 | 0.014 |
| 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 | | 3 | |
| Typical Platform Size | mm | | 800 x 800 | |
| Environmental Protection | | | IP65, IP67 Optional | |
| Rated Capacities (Emax) | Kg | 50, 75, 100, 150, 200, 250, 300, 500, 635, 750, 1000, 1500 | | |

PTB - Certificate 1.13-93.278, OIML-R60

Dimensions



DS1250-4, 5/17

SENSOR

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Precision Load Cells
Accessories and Mountings
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