

FEATURES

- High accuracy
OIML approved
- Calibrated to
national
standards
- Aluminium
alloy
construction
- Easy to install
- Compact
design
- Long term,
reliable
operation

RS PRO Precision Platform Load Cell Aluminium Weighing Sensor

RS Stock No.: 204-2771



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Precision load cells 1250 is a compact construction platform load cell made from aluminium. The aluminium parallel beam load cell delivers highly precise and reliable measuring results even in long-term use.

Capacities: 500kg

Material: Aluminium Alloy

Dimension: 174*60*64mm

Rated Output: 2.0mV/V

Protection Class: IP66

Applications

Platform scales, bench scales, retail scales, pricing scales, counting scales.

Electrical Specifications

Rated Capacities	500kg
Rated Output	2.0 mV/V±5%
Zero Balance	±0.0200 mV/V
Non-linearity	0.02 %R.O.
Hysteresis	0.02 %R.O.
Repeatability	0.02 %R.O.
30mins Creep	0.02 %R.O.
30mins Return	0.02 %R.O.
Safe Overload	150 %R.O.
Ultimate Overload	200 %R.O.
Temperature Effect on Output	0.002 %R.O./°C
Temperature Effect on Zero	0.003 %R.O./°C
Input Impedance	410±15 Ω
Output Impedance	350±5 Ω
Insulation Impedance	≥5000 MΩ/(50VDC)
Recommended Excitation	5~12 VDC

Load Cells

Maximum Excitation	15 VDC
Operating Temperature Range	-20~60 °C
Construction	Aluminium Alloy
Cable	φ5×2m
Recommended Platform Size	600×800 mm
Mode of Connection	Red (EXC+) ,Black (EXC-) ,Green (SIG+) ,White (SIG-)

Protection Category

Waterproof class	IP66
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Classification

eCl@ss (Version)	C3
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Approvals

Declarations	ROHS, OIML
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Additional Information

Custom Tariff Number	84239000
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