

FEATURES

- Aluminium alloy construction
- Calibrated to national standards
- OIML R60 approved
- Easy to install
- Long term, reliable operation

RS PRO High Accuracy Sensor Single Point Load Cell

RS Stock No.: 204-2770



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

1042 is the High-precision platform load cell, designed for direct mounting on low cost weighing platforms. Its small physical size, combined with high accuracy and low cost, makes the Load Cell Sensor ideally suited for retail, bench and counting scales.

Capacities: 30kg

Material: Aluminium Alloy

Dimension: 150*25*40mm

Rated Output: 2.0mV/V

Protection Class: IP66

Applications

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

Electrical Specifications

Rated Capacities	30kg
Rated Output	2.0 mV/V±10%
Zero Balance	±0.0200 mV/V
Accuracy Class	OIML C3
Max No.of loadcell interval(nmax)	3000
Min No.of loadcell interval(Vmin)	E _{max} /7000
Non-linearity	0.017 %R.O.
Hysteresis	0.017 %R.O.
Repeatability	0.017 %R.O.
30mins Creep	0.017 %R.O.
30mins Return	0.017 %R.O.
Safe Overload	150 %R.O.
Ultimate Overload	200 %R.O.
Temperature Effect on Output	0.0015 %R.O./°C
Temperature Effect on Zero	0.002 %R.O./°C
Input Impedance	410±15 Ω
Output Impedance	350±5 Ω
Insulation Impedance	≥5000 MΩ/(50VDC)

Load Cells

Recommended Excitation	5~12 VDC
Maximum Excitation	15 VDC
Operating Temperature Range	-20~60 °C
Construction	Aluminum Alloy

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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