

FEATURES

- Low profile and capacity
- Aluminium construction with surface anodized
- Capacity:600g
- Accuracy: 0.02%R.O.
- Long term, reliable operation

RS PRO Low Capacity Load Cell Balance Sensor

RS Stock No.: 204-2767



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

The 1004 is a Precision Electronic Balance Sensor made from aluminum. The Electronic Balance Load Cell is suitable for small platform scales with a platform size up to 200 x200 mm. The low capacity load cell delivers highly precise and reliable measuring results even in long-term use.

Capacities: 600g

Material: Aluminum Alloy

Dimension: 110*10*33mm

Rated Output: 0.8 or 2.0mV/V

Protection Class: IP66

Applications

Retail scales, pricing scales, Counting scales, Balance

Electrical Specifications

Rated Capacities	600kg
Rated Output	0.8±0.15 mV/V
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	Aluminum Alloy
Cable	φ3×0.25m
Recommended Platform Size	200x200 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
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Additional Information

Custom Tariff Number	84239000
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