

FEATURES

- Available in stainless steel, nickel plated steel alloy and anodised aluminium alloy
- Capacity 1000 KG
- Rated output: 2.0 or 3.0mV/V

RS PRO Shear Beam Load Cell

RS Stock No.: 204-2766



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

Shear beam load cells 3510 are designed specifically for high accuracy applications in tank and vessel weighing, filling systems, platform scales, bagging machinery, belt scales and conveyor systems.

Capacities: 1000kg

Material: Stainless Steel

Dimension: 130*31.8*31.8mm

Rated Output: 2.0mV/V/3.0Mv/v

Protection Class: IP66

Applications

Hopper scales, Truck scales, platform scale, floor scale, Industrial weighing system

Electrical Specifications

Rated Capacities	1000kg
Accuracy Class	OIMLC3 NTEP5000 Class III Multiple cell
Rated Output	2.0±0.002 mV/V 3.0±0.003mV/V
Zero Balance	±0.0200 mV/V
Non-linearity	0.03 % R.O.
Hysteresis	0.03 % R.O.
Repeatability	0.03 % R.O.
30mins Creep	0.03 % R.O.
30mins Return	0.03 % 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	385±10 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	Stainless Steel
Cable	φ5×3m
Recommended Platform Size	100×100 cm, 120×120 cm, 150×150 cm, 150×200 cm etc.
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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