

FEATURES

- Low profile and high accuracy
- Stainless steel fully welded construction
- Wide range of capacities: 250kg
- Environmentally sealed to IP66
- Long term, reliable operation.
- Robust design for harsh industrial environment

RS PRO Bending Beam Load Cell Stainless Steel Sensor

RS Stock No.: 204-2765



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.

Load Cells

Product Description

355 is a welded bending beam load cell manufactured in stainless steel. The low profile, high accuracy and sealing makes this bending type load cell highly suitable for applications such as low-profile platforms, weighing and packing machines, conversion of mechanical scales and variety of other applications where sealed cells are required.

Capacities: 250kg

Material: Stainless Steel

Dimension: 120*20mm

Rated Output: 2.0mV/V

Protection Class: IP66

Applications

Low profile platforms, Hopper scale, Weighing and packing machines, Conversion of mechanical scales Variety of other applications.

Electrical Specifications

Rated Capacities	250kg
Accuracy Class	C3
Rated Output	2.0±0.002 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	300 %R.O.
Temperature Effect on Output	0.002 %R.O./°C
Temperature Effect on Zero	0.003 %R.O./°C
Input Impedance	400±10 Ω
Output Impedance	351±2Ω

Load Cells

Insulation Impedance	≥5000 MΩ/(50VDC)
Recommended Excitation	5~12 VDC
Maximum Excitation	15 VDC
Operating Temperature Range	-20~60 °C
Construction	Stainless Steel
Cable	φ5×3m
Mode of Connection	Red (EXC+) , Black (EXC-) , Green (SIG+) , White (SIG-)

Protection Category

Waterproof class	IP66
------------------	------

Classification

eCl@ss (Version)	C3
------------------	----

Approvals

Declarations	ROHS, OIML
--------------	------------

Additional Information

Custom Tariff Number	84239000
----------------------	----------