



Miniature Compression Load Cells for low forces

- ✓ Ranges 0 - 100N, 0 - 200N, 0 - 300N
- ✓ Output 2 mV/V nominal
- ✓ Supply 5V
- ✓ Compact design, Stainless Steel
- ✓ Dimensions D = 28mm, H = 8mm
- ✓ Mounting with three threads M3
- ✓ For static and dynamic Measurements

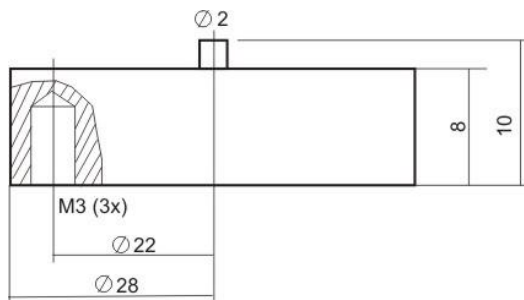


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Small size and low weight, precision compression load cells are designed for load ranges 100, 200 and 300 Newton and measurements of static and dynamic forces. High performance strain gauges assure stated accuracy, repeatability and temperature stability. These cells are designed for mounting with three M3 threads on a smooth, flat surface.

SPECIFICATIONS

Nominal Load	100, 200, 300 N
Nominal Signal	10 mV
Supply	5V
Accuracy	±0.25 % FSO
Repeatability	±0.08 % FSO
Zero Drift	0.1% / 10 K
Nominal Signal Drift	0.3% / 10 K
Temperature Range	-10 ... +50 °C compensated -20 ... +60 °C permitted
Overload	120 % permitted 150 % maximum
Bridge Resistance	350 Ohm. Option 1000 Ohm
Dimensions	D = 28mm, H = 8mm, Weight 0.03kg
Terminals	1 m cable



Controllers and Displays

ORBIT CONTROLS AG

Zürcherstrasse 137,
CH-8952 Schlieren/ZH
Schweiz

© orbitcontrols 201705

Tel: +41 44 730 2753
info@orbitcontrols.ch
www.orbitcontrols.ch