

Low Profile Load Cell

Compact High-Capacity Compression Measurement



Product Overview

JRAGRAU Low Profile Load Cells are designed for applications requiring high accuracy in confined spaces. The robust stainless steel construction ensures excellent repeatability, long-term stability, and reliable performance under heavy compression loads.

Key Features

- Low profile compact design
- High accuracy strain gauge technology
- Stainless steel construction
- Excellent long-term stability
- Suitable for industrial compression applications

Technical Specifications

Capacity Range	5 to 500 Ton
Rated Output	2 mV/V \pm 1%
Non-Linearity	0.02 % F.S
Repeatability	0.02 % F.S
Hysteresis	0.02 % F.S
Creep	0.02 % F.S / 30 min
Input Resistance	380 Ω \pm 10 Ω
Output Resistance	350 Ω \pm 1 Ω
Excitation Voltage	5–12 V DC/AC (Max 20 V DC)
Safe Overload	150 % F.S
Ultimate Overload	300 % F.S

Applications

- Material testing machines
- Hydraulic presses
- Industrial weighing systems
- Calibration laboratories