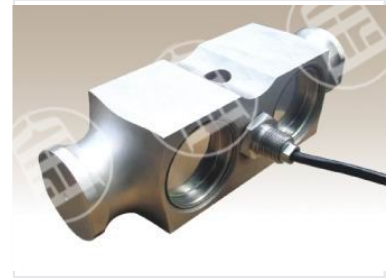


Double Ended Beam Load Cell

This high-precision load cell is designed for accurate and reliable weight measurement. Constructed from robust materials, it ensures durability and stability in various industrial environments.



Overview

High-Precision Double Ended Shear Beam Load Cell

The BM-LS-xxk-MG is a high-performance double-ended shear beam load cell designed for accurate and reliable weight measurement in demanding industrial environments. Constructed from high-quality nickel-plated alloy steel and sealed with a stainless steel cup, it offers exceptional durability and corrosion resistance. Its unique pin connection design allows for automatic centering, ensuring consistent performance and long-term stability for process control and force measurement applications.

Key Performance Metrics

Key Performance Metrics

68 IP

Protection Rating

Technical Design

Load Cell Type	Double ended shear beam
Support Mechanism	End loaded, center supported with pin connection
Centering Feature	Yes

Material & Durability

Element Material	High quality alloy steel
Surface Treatment	Nickel plated
Sealing Method	Stainless steel cup

Safety & Compliance

Explosion Proof Rating	ExibaBT6
Protection Grade	IP68

Application & Features

Key Features

- High accuracy and linearity
- Excellent repeatability
- Long-term stability
- Shielded cable for signal integrity
- Corrosion resistant in harsh environments

Typical Applications

Industrial Weighing, Force Measurement, Process Control