

S Beam Load Cell for Tension and Compression Force Measurements

This S beam load cell is suitable for various scales including electro-mechanic, crane, and hopper scales. The load cell is designed for both tension and compression force measurements.



Product Overview

Precision S-Beam Load Cell

The T-BX type load cell is a precision instrument engineered for high-accuracy tension and compression force measurements. Constructed from high-quality aluminum alloy, this sensor utilizes the shearing stress method to deliver excellent output symmetry and structural stability. Its compact design facilitates easy installation in diverse industrial weighing systems and force testing machines.

Technical Specifications

Capacity Range

50 kg

Minimum Capacity

500 kg

Maximum Capacity

Protection Grade

IP67

Material

Aluminum alloy

Key Features

Core Advantages

- Dual-direction force measurement (Tension and Compression)
- Shearing stress measurement method
- High output symmetry
- Compact and easy to install
- Rugged industrial construction