

Miniature Double Ended Beam

Applications

- Truck and track scales

Features

- High side load tolerance
- Easy installation
- Electroless nickel plated alloy steel

Description

- MDB is designed for truck and track scales in high capacities with low profile. The design of loading through a ball is insensitive to side load.
- MDB is constructed of alloy steel and is fully potted and sealed with special chemical compounds to IP65 providing excellent protection against water and moisture attack.

Specifications

Standard Capacity	20t, 25t, 30t		
Recommended Excitation	10 V AC/DC	Compensated Temp. Range	-10°C to +40°C
Maximum Excitation	15 V AC/DC	Operating Temp. Range	-20°C to +60°C
Output at Rated Load	2 mV/V \pm 0.2%	Zero Balance	\pm 1%
Combined Error	0.03%	Input Resistance	770 \pm 10 Ω
Non Repeatability	0.02%	Output Resistance	700 \pm 5 Ω
Creep (20 minutes)	0.03%	Insulation Resistance(50VDC)	>5000 M Ω
Zero Return (20 minutes)	0.03%	Deflection at Rated Load	<1mm
Temp. Effect/10°C on Span	0.015%	Safe Overload	150%
Temp. Effect/10°C on Zero	0.026%	Ultimate Overload	300%

All Specifications Listed Subject To Change Without Notice