

Hermetically-Sealed Double-Ended Beam

Applications

- Truck and track scales
- Tank and hopper weighing
- Batching system

Features

- Hermetically sealed
- Center-mounted and double-linked shear beam design
- Fast installation
- Free of horizontal movement, insensitive to side load
- Electroless nickel plated high alloy tool steel construction

Description

- The double-ended loading design provides free horizontal movement, thus is insensitive to side load and capable of reversed loading. In many cases, the requirement of check rods and other centering devices are eliminated. It is most suitable for harsh environments of truck scales.
- HED is constructed of alloy steel and is hermetically sealed to IP67 levels providing excellent protection against corrosive and wash-down environments.
- HED Interchangeable products:
 - Artech 80210
 - Rice Lake Weighing Systems RL75223
 - Revere Transducers 5223
 - Thurman TSC 800

Specifications

Standard Capacity	50K, 65K, 100K lb		
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	3 mV/V±0.25%	Zero Balance	±1%
Combined Error	0.025%	Input Resistance	770±10Ω
Non Repeatability	0.02%	Output Resistance	700± 5Ω
Creep (20 minutes)	0.03%	Insulation Resistance(50VDC)	>5000 MΩ
Zero Return (20 minutes)	0.03%	Deflection at Rated Load	<0.5mm
Temp. Effect/10°C on Span	0.015%	Safe Overload	150%
Temp. Effect/10°C on Zero	0.026%	Ultimate Overload	200%

All Specifications Listed Subject To Change Without Notice