

Ball Type Load Cell



Unique bridge structure Load Cell with Cup and steel ball mounting. Self-resetting and centering. Widely used in truck scales, railroad scales, hopper scales and various other special scales.

- Good side force resistance and shock resistance
- Moisture proof sealed
- Ideal for hostile environments
- Simple to install
- Easy to use
- Good inter changeability

Specification

Rated Output (mV/V)	2.00 (±) 0.01	Output Resistance	700 Ω (±) 3 Ω
Nonlinearity	(±) 0.02% FS	Insulation Resistance	>5,000MΩ
Hysteresis	(±) 0.02% FS	Excitation Voltage	10V (DC/AC)
Repeatability	(±) 0.01% FS	Compensated Temperature Range	-10 °C to +50 °C
Creep (30min)	(±) 0.02% FS	Operating Temperature Range	-20 °C to +60 °C
Zero Balance	(±) 1.0% FS	Safe Overload	120%FS
Temperature Effect on Zero	(±) 0.02% FS/ 10 °C	Cable	Ø6 to 12m
Temperature Effect on Output	(±) 0.02% FS/ 10 °C	Cable Colour Code	Input: Red (+) Black (-) Output: Green (+) White (-)
Input Resistance	770 Ω (±) 10 Ω		