

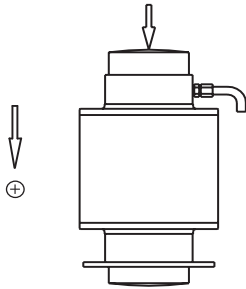
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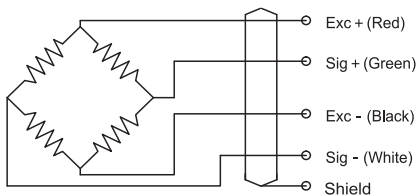
Features & Applications

- Compression load cell
- Alloy steel, laser-welded, IP67
- Easy to install
- Dual spherical surface
- Mainly used for truck scale, ground scale, tank and other industrial on board weighing systems

Load Direction

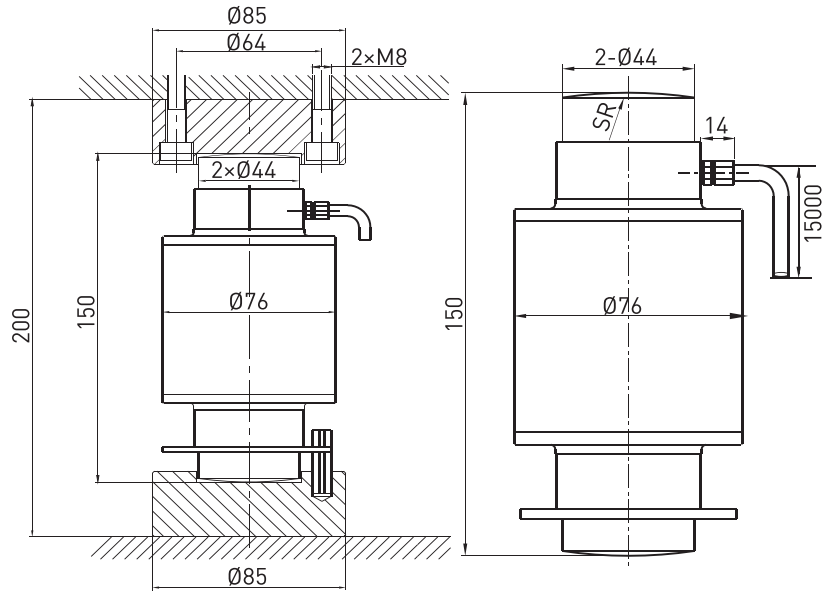


Schematic Wiring Diagram



Note: Cable shield is not connected to element.

Size and Capacity



Capacity (t)	Material	Weight
10/20/30/40/50	Alloy steel	4.3kg

Technical Parameters

Specifications	Technique
Rated output	2.0 ± 0.2% mV/V
Zero balance	± 2% F.S.
Non-linearity	0.03% F.S.
Hysteresis	0.03% F.S.
Repeatability	0.03% F.S.
Creep (30min)	0.03% F.S.
Temp. effect on output	0.02% F.S. / 10°C
Temp. effect on zero	0.02% F.S. / 10°C
Input impedance	400 ± 20 Ω
Output impedance	352 ± 3 Ω
Insulation	≥2000MΩ / 100VDC
Recommended excitation	5~10V
Maximum excitation	15V
Compensated temp. range	-10~40°C
Operation temp. range	-20~60°C
Safe overload	150% F.S.
Ultimate overload	250% F.S.
Cable size	Ø5 × 15000 mm
Protection class	IP67
Connector	Input: Red(+) Black(-); Output: Green(+) White(-);