

ALUMINUM

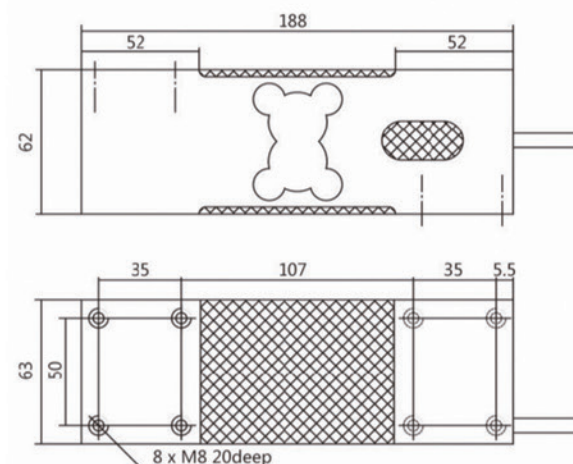


Single-point load cell

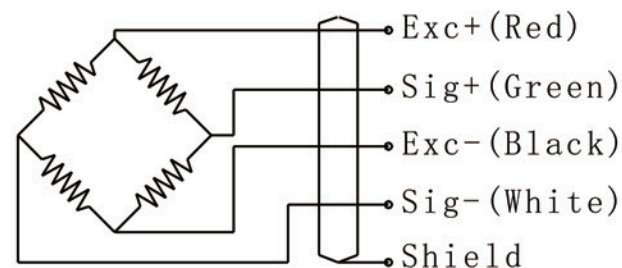


SPECIFICATIONS

Outline dimensions (in millimeters)



Wiring Schematic Diagram



INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Mettler Toledo	MT1260
HBM	PW16A
Rice Lake	RL1260
Zemic	L6W
Keli sensing	UDJ

Rated Capacity: 100 to 750kg

Full scale Output: $2 \pm 0.2\text{mV/V}$

Zero Balance: $\pm 0.1\text{m V/V}$

Accuracy Class: C3, C3MR, C5, OIML approval
Class III, 4500, Single or Multiple cells

Hysteresis Error: $< \pm 0.0166\% \text{ F.S (C3, C3MR)}$
 $< \pm 0.0083\% \text{ F.S (C5)}$

Non-linearity: $< \pm 0.0166\% \text{ F.S (C3, C3MR)}$
 $< \pm 0.0083\% \text{ F.S (C5)}$

Input Resistance: $404\Omega \pm 15\Omega$

Output Resistance: $350\Omega \pm 3\Omega$

Recommended Excitation: 10V (15V Maximum)

Insulation Resistance: $> 2000\text{M}\Omega$ (50V DC)

Temperature Effect on Zero Balance: $< \pm 0.0028\% \text{ F.S/}^\circ\text{C (C3)}$
 $< \pm 0.0014\% \text{ F.S/}^\circ\text{C (C3MR, C5, C6)}$

Temperature Effect on Sensitivity: $< \pm 0.00175\% \text{ F.S/}^\circ\text{C (C3, C3MR)}$
 $< \pm 0.00087\% \text{ F.S/}^\circ\text{C (C5, C6)}$

Compensated Temperature Range: -10 to 40°C

Operating Temperature Range: -10 to 50°C

Storage Temperature Range: -25 to 70°C

Safe Overload: 150% of full scale