

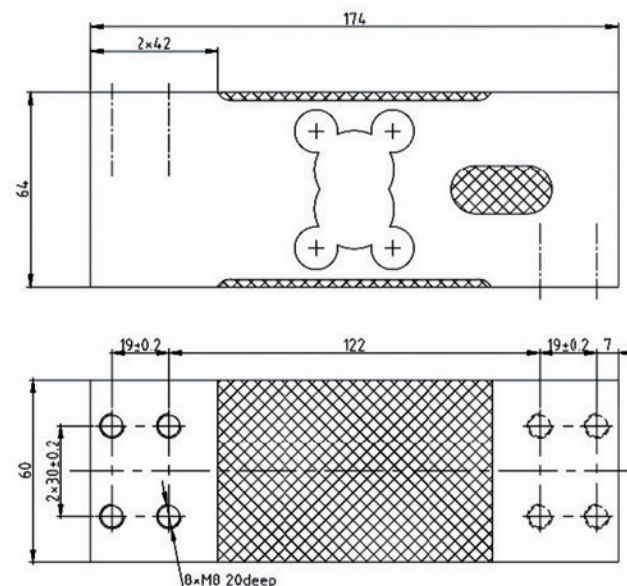


ALUMINUM

Single-point load cell



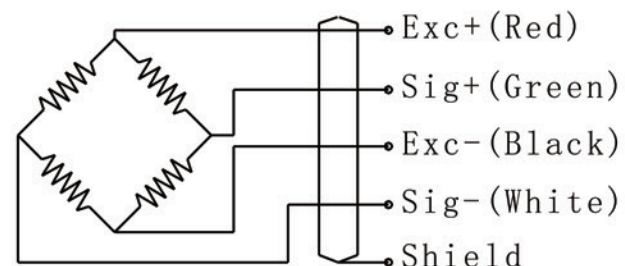
Outline dimensions (in millimeters)



SPECIFICATIONS

- 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: $-10 \text{ to } 40^\circ\text{C}$
- Operating Temperature Range: $-10 \text{ to } 50^\circ\text{C}$
- Storage Temperature Range: $-25 \text{ to } 70^\circ\text{C}$
- Safe Overload: 150% of full scale
- Ultimate Overload: 300% of full scale
- IP class: Ip65
- Cable length: 2m

Wiring Schematic Diagram



INTERCHANGEABLE PRODUCTS

Manufacturer	Model
HBM	PW24C
Vishay Tedeá-Huntleigh	1263
Zemic	L6G
Keli sensing	UDA