

FEATURES

- Stainless/ alloy steel IP67 single point load cell
- Suitable for the pricing scales, bench scales, belt scales etc
- Maximum platform size: 400*400mm

AVAILABLE MODELS

| | | |
|------|----|-------------------------|
| xxkg | C3 | B6E3/H6E3-C3-xxkg-3B |
| xxkg | C3 | B6E3/H6E3-C3-xxkg-3B-S1 |
| xxkg | C3 | B6E3/H6E3-C3-xxkg-3G |
| xxkg | C3 | B6E3/H6E3-C3-xxkg-3G-S1 |

G: The Insulation resistance between bridge circuit and shielded wire is zero

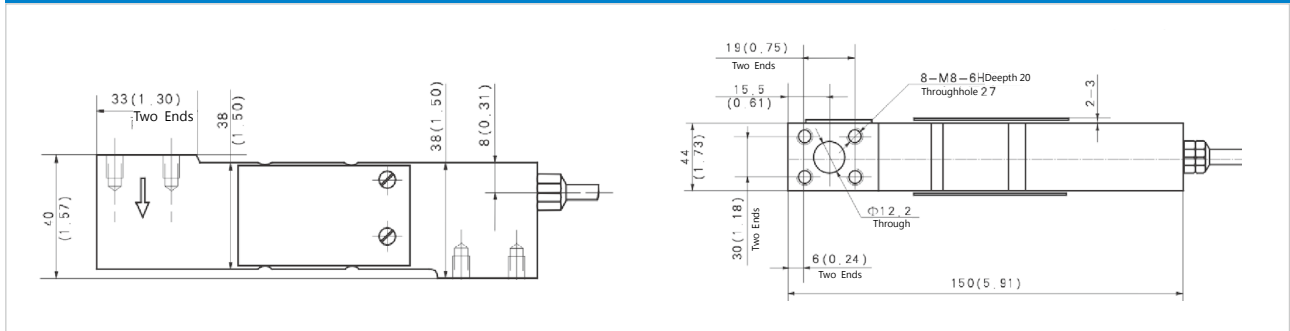


SPECIFICATION

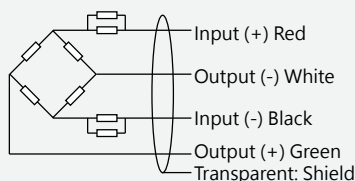
| | | |
|---|-----------|--|
| Maximum capacity (E _{max}) | kg | 20/30/50/75/100/150/200/250/300 |
| Accuracy class | | C3 |
| Maximum number of load cell intervals (nLC) | | 3000 |
| Ratio of minimum LC verification interval Y=E _{max} / V _{min} | | 10000 |
| Combined error | %FS | ±0.020 |
| Creep | %FS/30min | ±0.016 |
| Temperature effect on sensitivity | %FS/10°C | ±0.011 |
| Temperature effect on zero | %FS/10°C | ±0.015 |
| Output sensitivity (= FS) | mV/V | 2.0±0.2 |
| Input resistance | Ω | 400±20 |
| Output resistance | Ω | 351±3.5 |
| Insulation resistance | MΩ | ≥ 5000 (50VDC) |
| Zero balance | %FS | ±1.5 |
| Compensated temperature | °C | -10~+40 |
| Operating temperature | °C | -35~+65 |
| Excitation, recommended voltage | V | 5~12 (DC) |
| Excitation maximum | V | 18 (DC) |
| Safe overload | %FS | 150 |
| Ultimate overload | %FS | 300 |
| Corner correction | | 0.02%load value/100mm |
| ATEX class (optional) | | II1G Ex ia IIC T4 II1D Ex iaD20 T73°C II3G Ex nL II C T4 |

Note: "S1" output sensitivity is 2.0±0.002mV/V, input resistance is 384±4

DIMENSIONS IN MM



WIRING



- Adopt shielded, 4 conductor cable: Φ5mm
- Standard cable length: 3m