

HBS Bending beam load cell, 10kgf - 500kgf

Load Cell



FEATURES

- All stainless steel construction
- OIML C3 approved
- Ex ia IIC T6 approved
- Protection class IP67

OPTIONS

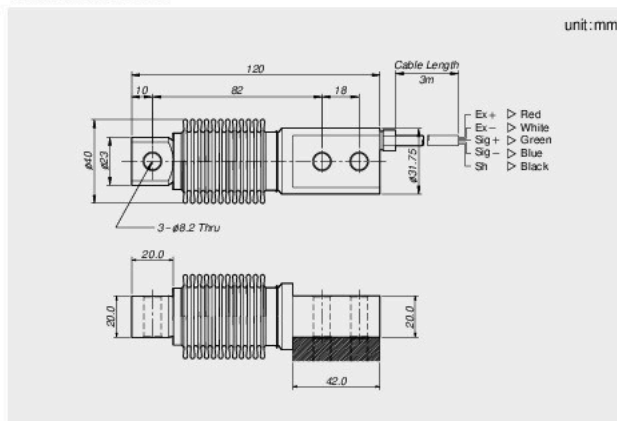
- OIML C3 approved



SPECIFICATIONS

| | | | |
|-------------------------------|---------|---------------------------|-------|
| Max. capacity | kgf | 10, 20, 50, 100, 200, 500 | |
| Rated output | mV/V | 2.0 ± 0.005 | |
| Zero balance | mV/V | 0 + 0.02 | |
| Accuracy class | | D3 | C3 |
| Combined error | % | 0.03 | 0.02 |
| Repeatability | % | 0.01 | 0.01 |
| Creep for 30min. | % | 0.03 | 0.017 |
| Temperature effect on | | | |
| Zero Value | %/10 °C | 0.028 | 0.014 |
| Output value | %/10 °C | 0.015 | 0.011 |
| Excitation | | | |
| Recommended | V | 10 | |
| Maximum | V | 15 | |
| Resistance | | | |
| Input | Ω | 400 + 20 | |
| Output | Ω | 350 ± 3.5 | |
| Insulation | M.Ω | > 2,000 | |
| Compensated temperature range | °C | -10 to +40 | |
| Operating temperature range | °C | -30 to +80 | |

DIMENSIONS



Material

Stainless Steel

Mounting

Socket - head cap screw M8 x 1.25(10.9)
Tightening torque: 29Nm

Cable

Braided Shield 4 - wire round cable
with Urethane - Jacket

Ordering Information

HBS - XXXL

Capacity in kg