

BCM Single point load cell, 50kgf - 500kgf

DG CELL



FEATURES

- OIML C3 approved (OIML R60)
- NTEP III 5,000S approved (Handbook 44)
- Off center compensated (OIML R76)
- Protection class IP65

OPTIONS

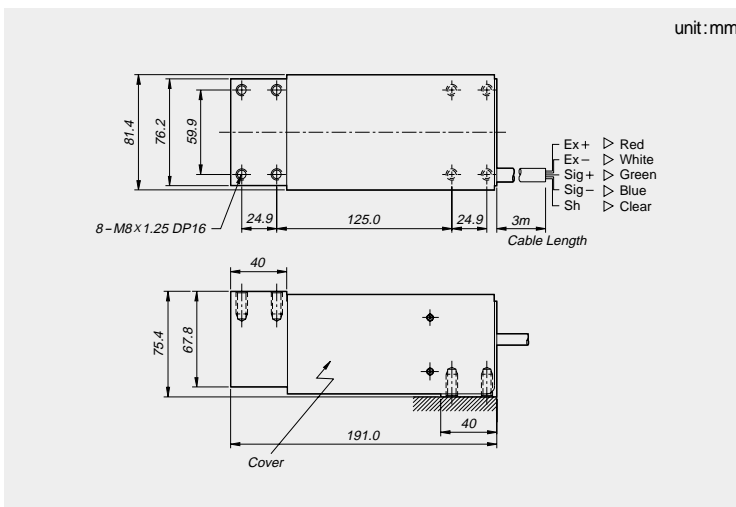
- OIML C3 approved (C3)
- NTEP III 5,000S approved (A5)
- 6-wires connection



SPECIFICATIONS

| | | | |
|-------------------------------|--------|---------------------------------|--------|
| Max. capacity | kgf | 50, 75, 100, 150, 200, 300, 500 | |
| Rated output | mV/V | 2.0 ± 0.2 | |
| Zero balance | mV/V | 0 ± 0.1 | |
| Accuracy class | | D3 | C3, A5 |
| Combined error | % | 0.03 | 0.02 |
| Repeatability | % | 0.01 | 0.01 |
| Creep for 30 min. | % | 0.03 | 0.017 |
| Temperature effect on | | | |
| Zero Value | %/10°C | 0.028 | 0.014 |
| Output value | %/10°C | 0.014 | 0.011 |
| Excitation | | | |
| Recommended | V | 10 | |
| Maximum | V | 15 | |
| Resistance | | | |
| Input | Ω | 400 ± 20 | |
| Output | Ω | 350 ± 3.5 | |
| Insulation | MΩ | > 2,000 | |
| Compensated temperature range | °C | -10 to +40 | |
| Operating temperature range | °C | -20 to +70 | |

DIMENSIONS



Material

Anodized Aluminum

Mounting

Socket-head cap screw M8 × 1.25(10.9)

Tightening torque: 29Nm

Cable

Braided Shield 4-wire round cable with Urethane-Jacket

Maximum Platform Size

600 × 600mm

Ordering Information

BCM - XXXL

Capacity in kg