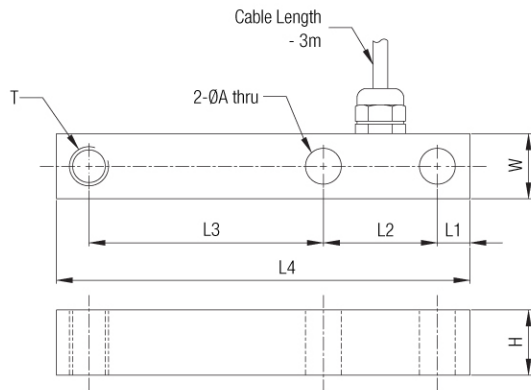


CBSM

Slim shear beam load cell **100, 250, 500, 1000 kgf**



FEATURES

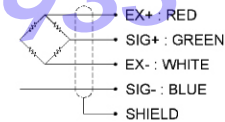
Slim shear beam load cell
Protection class IP66

Mounting

Socket-head cap screw
M10 x 1.5(10.9)
Tightening torque : 29Nm

Cable

Braided shield 4-wire round
cable with PVC-jacket



Material

Nickel plated steel

DIMENSIONS

| Model | Capacity | A | T | H | W | L1 | L2 | L3 | L4 |
|-----------|----------|----|----------|----|----|----|------|------|-----|
| CBSM-100L | 100kgf | 11 | M12x1.75 | 20 | 20 | 10 | 35.0 | 72.0 | 127 |
| CBSM-250L | 250kgf | | | 24 | 20 | 10 | 35.0 | 72.0 | 127 |
| CBSM-500L | 500kgf | 11 | M12x1.75 | 24 | 20 | 10 | 35.0 | 72.0 | 127 |
| CBSM-1T | 1tf | | | 24 | 20 | 10 | 35.0 | 72.0 | 127 |

SPECIFICATIONS

| Max. Capacity | kgf | 100, 250, 500, 1000 |
|-------------------------|----------|---------------------|
| Rated output | mV/V | 2.0 ± 0.005 |
| Zero balance | mV/V | 0 ± 0.2 |
| Accuracy class | | |
| Combined error | %RO | 0.03 |
| Repeatability | %RO | 0.015 |
| Creep(30min.) | %RO | 0.03 |
| Temperature effect on | | |
| Zero value | %RO/10°C | 0.03 |
| Output value | %RO/10°C | 0.015 |
| Excitation | | |
| Recommended | V | 10 |
| Maximum | V | 15 |
| Resistance | | |
| Input | Ω | 400 ± 50 |
| Output | Ω | 350 ± 3.5 |
| Insulation | MΩ | >2,000@50V DC |
| Compensated temp. range | °C | -10 ~ +40 |
| Operating temp. range | °C | -20 ~ +70 |