

CTS Stainless canister load cell, 500kgf - 5tf



FEATURES

- Tension and compression load cell
- Hermetically sealed
- Stainless steel construction

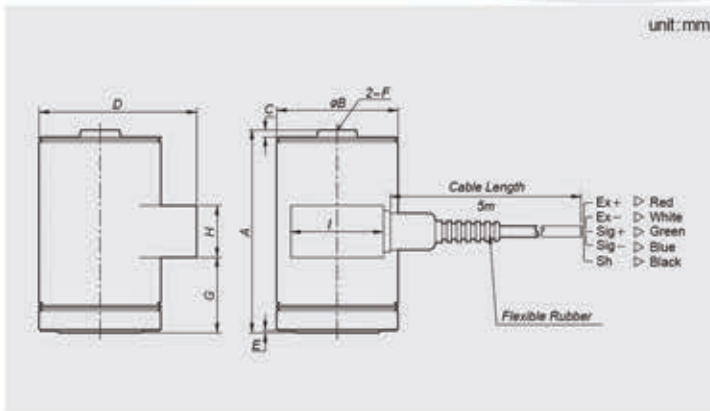
OPTIONS

- Calibrated for tension or compression
- High accuracy grade
- Ex ia IIC T6

SPECIFICATIONS

| | | | |
|-------------------------------|------------|-------------------------|------|
| Max. capacity | kgf | 500, 1tf, 2tf, 3tf, 5tf | |
| Rated output | mV/V | 3.0 ± 0.003 | |
| Zero balance | mV/V | 0 ± 0.03 | |
| Accuracy class | | A | B |
| Combined error | % | 0.02 | 0.05 |
| Repeatability | % | 0.01 | 0.02 |
| Creep for 30min. | % | 0.03 | 0.03 |
| Temperature effect on | | | |
| Zero Value | %/10°C | 0.03 | 0.03 |
| Output value | %/10°C | 0.03 | 0.03 |
| Excitation | | | |
| Recommended | V | 10 | |
| Maximum | V | 15 | |
| Resistance | | | |
| Input | Ω | 350 ± 3.5 | |
| 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

Cable

Braided shield 4-wire round cable with P.V.C-jacket

| Model | Capacity | A | B | C | D | E | F | G | H | I |
|----------|----------|-----|----|-----|-----|-----|------------|----|----|----|
| CTS-500L | 500kgf | 115 | 88 | 7.5 | 115 | 1.6 | M12 × 1.25 | 34 | 38 | 68 |
| CTS-1 | 1tf | | | | | | M24 × 2.0 | 55 | | |
| CTS-2 | 2tf | 148 | 88 | 7.5 | 115 | 1.6 | M24 × 2.0 | 55 | 38 | 68 |
| CTS-3 | 3tf | | | | | | | | | |
| CTS-5 | 5tf | | | | | | | | | |