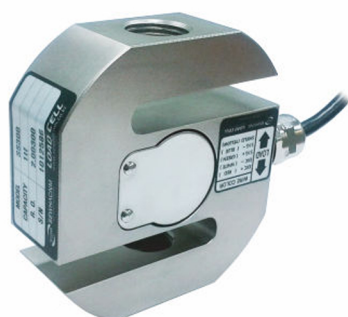




## Series SPCTT10

SS-Beam Load Cell 50kgf~10tf



### Feature

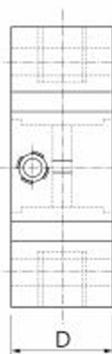
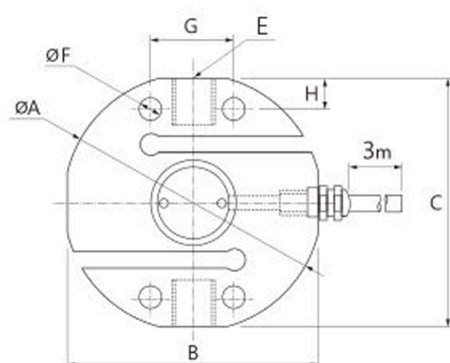
- Low Cost
- Compact Design
- Compression Type
- Protection Class IP66
- Nickel Plated Steel
- Braided Shield 4-Wire Round Cable

### Option

- Stainless Steel - LS300 (MOQ Base)

## SPECIFICATIONS

| Rated Capacity (R.C)   | kgf / tf | 50, 100, 150, 200, 300, 500kgf, 1, 2, 3, 4, 10tf |
|------------------------|----------|--------------------------------------------------|
| Rated Output (R.O)     | mV/V     | 2.0 ± 0.005                                      |
| Zero Balance           | mV/V     | 0 ± 0.02                                         |
| Combined Error         | %        | 0.03                                             |
| Repeatability          | %        | 0.01                                             |
| Creep (30min)          | %        | 0.03                                             |
| Temperature Effect on  |          |                                                  |
| Zero Value             | % / 10°C | 0.03                                             |
| Output Value           | % / 10°C | 0.02                                             |
| Excitation             |          |                                                  |
| Recommended            | V        | 10                                               |
| Maximum                | V        | 15                                               |
| Resistance             |          |                                                  |
| Input                  | Ω        | 400 ± 30                                         |
| Output                 | Ω        | 350 ± 3.5                                        |
| Insulation             | M Ω      | > 2,000                                          |
| Compensated Temp Range | °C       | -10 ~ +40                                        |
| Operating Temp Range   | °C       | -30 ~ +80                                        |



| CABLE | COLOR CODE    |
|-------|---------------|
| EXC + | (RED)         |
| EXC + | (WHITE)       |
| SIG + | (GREEN)       |
| SIG + | (BLUE, BLACK) |
| SHLD  | (YELLOW)      |

## Dimension-mm

| Model              | Capacity  | ØA  | B   | C   | D        | E         | ØF | G  | H  | Weight |
|--------------------|-----------|-----|-----|-----|----------|-----------|----|----|----|--------|
| SPCTT10- 50/100kgf | 50/100kgf | 80  | 74  | 76  | 19       | M12xP1.75 | -  | -  | -  | 1.0kg  |
| SPCTT10- 150kgf    | 150kgf    |     |     |     | 26       |           |    |    |    |        |
| SPCTT10- 200kgf    | 200kgf    |     |     |     |          |           |    |    |    |        |
| SPCTT10- 300kgf    | 300kgf    |     |     |     |          |           |    |    |    |        |
| SPCTT10- 500kgf    | 500kgf    |     |     |     |          |           |    |    |    |        |
| SPCTT10- 1tf       | 1tf       |     |     |     | M18xP1.5 |           |    |    |    |        |
| SPCTT10- 2tf       | 2tf       |     |     |     |          |           |    |    |    |        |
| SPCTT10- 3tf       | 3tf       | 115 | 90  | 110 | 30       | M20xP1.5  |    |    |    | 1.8kg  |
| SPCTT10- 5tf       | 5tf       | 125 | 123 | 120 | 36       | M24xP2.0  | 13 | 42 | 18 | 2.7kg  |
| SPCTT10- 10tf      | 10tf      | 175 | 172 | 168 | 50       | M30xP2.0  | 21 | 64 | 29 | 7.5kg  |

\* Specifications are subject to change without notice

WZO CONTROLS LTD