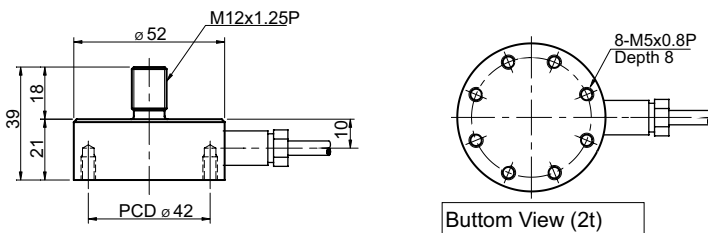
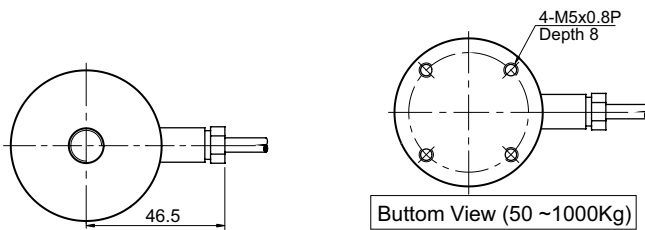


Model CDES Series

Tension & Compression
Low Profile Load Cell (50Kg ~ 2t)

The model CDES miniature type is designed for low profile tension and compression service. Its compact size makes the cell ideal for a wide range of applications including testing & weighing systems.

- 17-4PH Stainless steel construction
- Fully welded seal with stainless steel cover for hostile environment applications.
- Compact size with low profile.



SPECIFICATIONS

MODEL	CDES
Rated capacity (R.C.)	50,100,200,500Kg 1,2t
Rated output(R.O.)	2mV/V ± 0.25%
Non-linearity	≤ 0.15% R.O.
Hysteresis	≤ 0.15% R.O.
Non-repeatability	≤ 0.1% R.O.
Creep error	≤ 0.03% in 20min.
Zero balance	≤ 1% R.O.
Compensated temperature range	-10 ~ 70 °C
Operating temperature range	-20 ~ 80 °C
Temp. effect on rated output	≤ 0.1% LOAD/10 °C
Temp. effect on zero balance	≤ 0.1% R.O./10 °C
Terminal input resistance	700 Ohms ±10 Ohms
Terminal output resistance	700 Ohms ±10 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation Voltage	10V(Recommended) /15V(Maximum)
Electrical connection	5mmx3m(22AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C

ORDERING INFORMATION

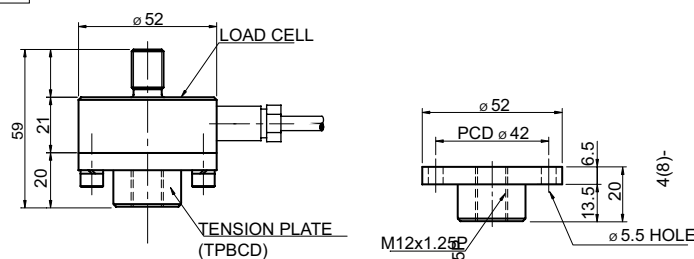
Load Cell CDES - 2T
 MODEL CAPACITY
 50, 100, 200, 500Kg, 1, 2t

Tension Plate TPCD - 2T
 MODEL CAPACITY
 TPCD 50, 100, 200, 500Kg, 1, 2t
 TPBCD

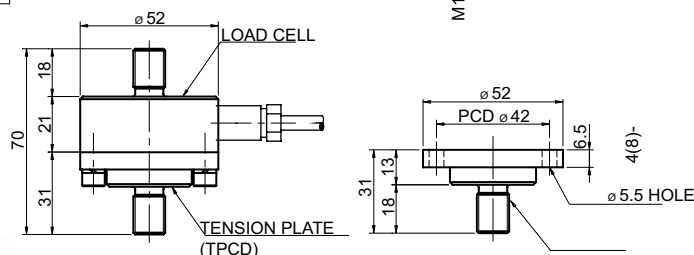
WIRING INFORMATION

RED : EXC. (+) WHITE : EXC. (-)
 GREEN : SIG. (+) BLUE : SIG. (-)
 BARE : GND

Tension Plate : TPBCD



Tension Plate : TPCD



* Specifications are subject to change without notice