



Series CTLPLC

Compression

Low Profile Load Cell(100~1000Kg)



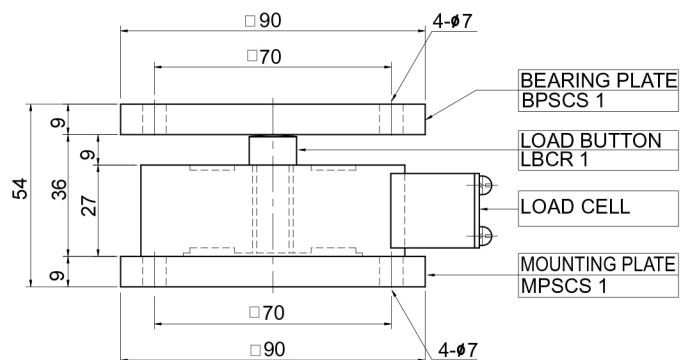
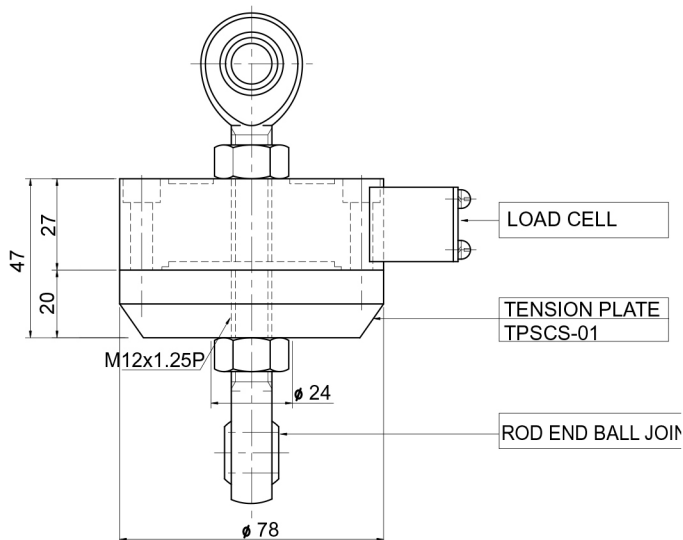
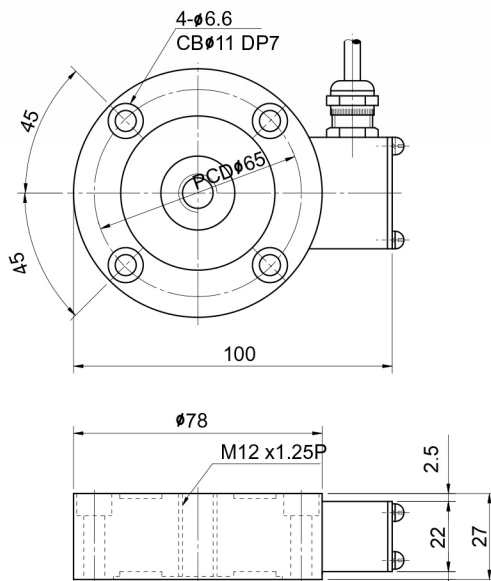
The model CTLPLC is an low profile compression pancake type load cell.

All units are machined from a solid billet of stainless steel and sealed with welded diaphragms.

- 17-4PH Stainless steel construction for high accuracy and corrosion resistance
- Hermetically sealed
- High rated output(3mV/V)
- low profile

SPECIFICATIONS

TYPE	CTLPLC
Rated capacity (R.C.)	100, 200, 500, 1000 Kg
Rated output (R.O.)	3mV/V $\pm$ 0.3%
Non-linearity	$\leq$ 0.05% R.O.
Hysteresis	$\leq$ 0.03% R.O.
Non-repeatability	$\leq$ 0.03% R.O.
Creep error	$\leq$ 0.05% in 20min.
Zero balance	$\leq$ 1% R.O.
Compensated temperature range	-10 ~ 40 °C
Operating temperature range	-20 ~ 70 °C
Temp. effect on rated output	$\leq$ 0.03% LOAD/10 °C
Temp. effect on zero balance	$\leq$ 0.03% R.O./10 °C
Terminal input resistance	700 Ohms $\pm$ 10 Ohms
Terminal output resistance	700 Ohms $\pm$ 10 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	10V(Recommended), 18V(Maximun)
Electrial connection	$\varnothing$ 5mmx3m(22AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C



ORDERING INFORMATION

CTLPLC - 200

TYPE

CAPACITY

100, 200, 500, 1000Kg

WIRING INFORMATION

RED : EXC. (+) WHITE : EXC. (-)

GREEN : SIG. (+) BLUE : SIG. (-)

BARE : GND

* Specifications are subject to change without notice

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