



Series LPTCK50

Tension & Compression

Low Profile Load Cell (50kg ~ 2t)

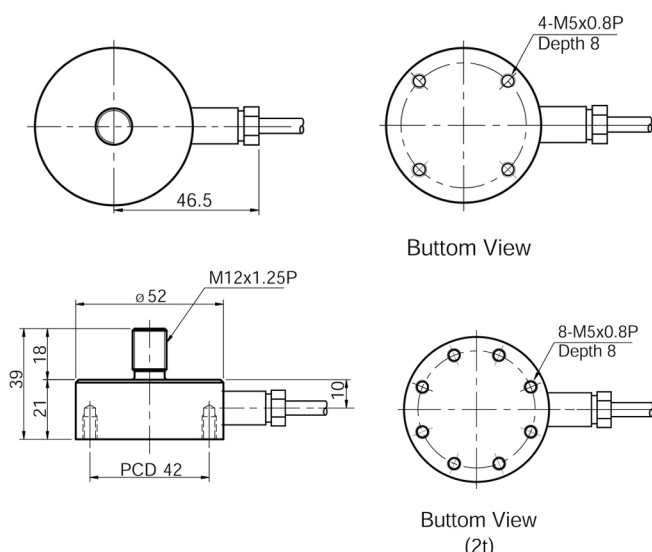


The model LPTCK50 miniature type is designed for low profile tension and compression service. Its compact size makes the cell ideal for a wide range of applications including testing & weighing systems.

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

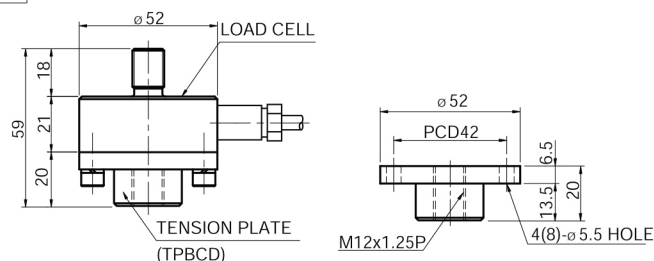
SPECIFICATIONS

TYPE	LPTCK50
Rated capacity (R.C.)	50, 100, 200, 500, 1000, 2000kg
Rated output(R.O.)	2mV/V $\pm$ 0.25%
Non-linearity	$\leq$ 0.1% R.O.
Hysteresis	$\leq$ 0.1% R.O.
Non-repeatability	$\leq$ 0.1% R.O.
Creep error	$\leq$ 0.03% in 20min.
Zero balance	$\leq$ 1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq$ 0.05% LOAD/10°C
Temp. effect on zero balance	$\leq$ 0.05% 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), 15V(Max.)
Electrical connection	ϕ 5mmx3m(22AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C

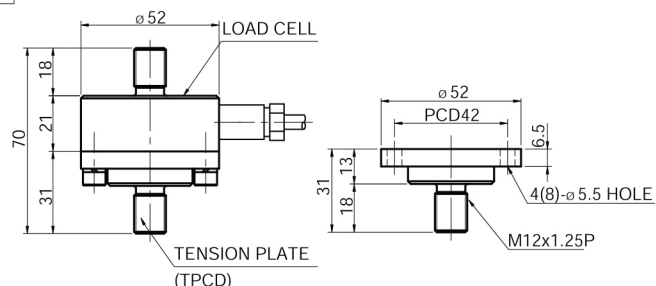
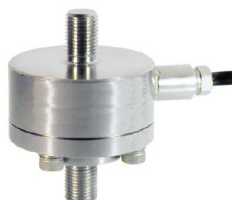


Tension Plate : TPBCD

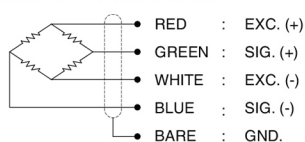
ORDERING INFORMATION		
Load Cell	LPTCK50 - 2T	
	TYPE	CAPACITY
	LPTCK50	50, 100, 200, 500kg, 1, 2t
Tension Plate	TPCD - 2T	
	TYPE	CAPACITY
	TPCD	50, 100, 200, 500kg, 1, 2t
	TPBCD	



Tension Plate : TPCD



WIRING INFORMATION



* Specifications are subject to change without notice