TEAC

Compression Load Cell

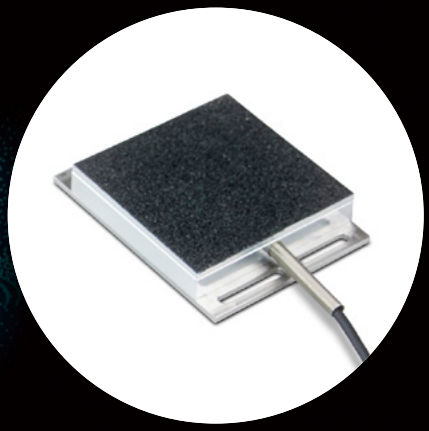
TC-PF2(T)□□N/KN-G

Application

Brake pedal force measurement

Feature

Thin & Lightweight

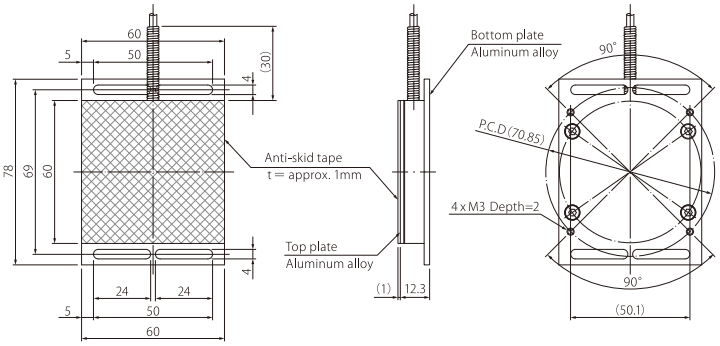


Built-to-Order

Specifications

Type	Compression Load Cell		
Model	**TC-PF2(T)□□N/KN-G** TEDS (Embeded in the tip of the cable) RoHS (10 substances)		
Rated Capacity (R.C.)	**500N**	**1kN**	**2kN**
Safe overload rating	150% R.C.		
Rated Output (R.O.)	approx. 1mV/V (2000 x 10-6 strain)		
Linearity	0.3% R.O.		
Hysterisis	0.3% R.O.		
Repeatability	0.2% R.O.		
Safe Excitation Voltage	AC. DC. 8V		
Input Terminal Resistance	700Ω ±5%		
Output Terminal Resistance	700Ω ±5%		
Insulation Resistance	1000MΩ or more (50V DC)		
Compensated Temperature Range	0°C to 50°C (no condensation)		
Permissible Temperature Range	−10°C to 70°C (no condensation)		
Temperature Effect on Zero Balance	0.5% R.O. / 10°C		
Temperature Effect on Output	0.5% R.C. / 10°C		
TEDS	Built-in NDI7J connector (PRC03-12A-10-7M)		
Cable	Φ3mm, 6-core robot cable, 3m direct connection with NDI7P on the tip		
Included Accessories	Velcro tape x 2 pcs.		

Dimensional drawings (Units: mm)



Notice: Please use appropriate jigs that keeps the bottom plate of the TC-PF2 and a pedal contact each other evenly, and fix to the TC-PF2 with four M3 screws.

This product is NOT water-resistant.

For more detail, please visit https://loadcell.jp/en/products/loadcell/tc-pf.html

Related Product

Portable Digital Indicator

TD-01 Portable

Weighs only 320g (incl. batteries)

On-site checking tool

For easy on-site verification with the TD-01 Portable.

Bar-meter display for better visibility

OK Judge　Error Judge

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