

Application

For spot welding pressure control

Compression Load Cell



Built-to-Order

Specifications

Type	Compression Load Cell	
Model	TC-WLD(T)□□KN-G	
	TEDS (Embedded in the loadcell)	RoHS (10 substances)
Rated Capacity (R.C.)	10kN	20kN
Safe overload rating	120% R.C.	
Rated Output (R.O.)	1mV/V ±50%	1.5mV/V ±50%
Linearity	1.0% R.O	2.0% R.O
Hysteresis	1% R.O.	
Repeatability	1% R.O.	
Safe Excitation Voltage	7V	
Input Terminal Resistance	350Ω ±5%	
Output Terminal Resistance	350Ω ±5%	
Insulation Resistance	1000MΩ or more (50V DC)	
Compensated Temperature Range	0°C to 50°C	
Permissible Temperature Range	-10°C to 60°C	
Temperature Effect on Zero Balance	0.5% R.O. / 10°C	
Temperature Effect on Output	0.5% R.C. / 10°C	
Connector	PRC03-21A10-7F	
Cable	Φ6 6-core shielded cable 1m with plug connector at both ends Connector:PRC03-12A10-7M	

Dimensional drawings (Units: mm)

Related Product

Portable Digital Indicator
TD-01 Portable



Weighs only 320g (incl. batteries)

On-site checking tool

For easy and on-site verification with the TD-01 Portable that equips versatile functions equivalent to built-in digital indicators.

Versatile display modes



Figure mode



Graph mode

