

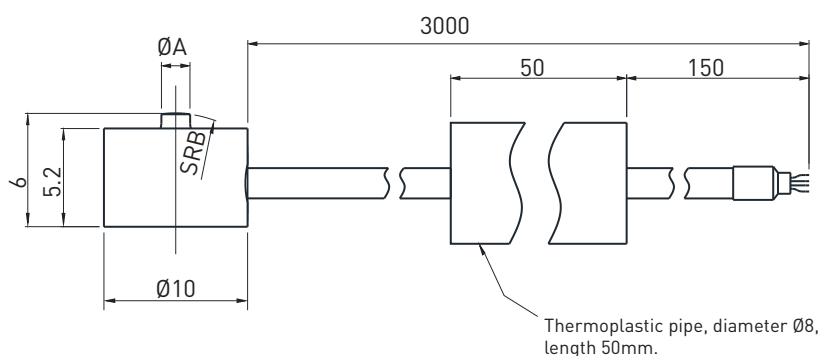
Compression Load Cell

MODEL : EX-601D-10(F1814)

tec sis
F1814



Size and Capacity



SIZE (mm) CAP (kg)	ØA	B	Material	Weight
1/3	1	8	Aluminum alloy	0.1kg
5/10	1.5	5	Stainless steel	
20/30	2	8		
50/100	2.5	10		



Technical Parameters

Specifications	Technique
Rated output	1.0 ± 10% mV / V
Non-linearity	1% F.S.
Hysteresis	0.5% F.S.
Repeatability	0.5% F.S.
Temp. effect on output	0.36% F.S./10°C
Temp. effect on zero	0.18% F.S./10°C
Input impedance	1000 ± 10 Ω
Output impedance	1000 ± 5 Ω
Insulation	≥5000MΩ / 100VDC
Recommended excitation	5V
Maximum excitation	7V
Compensated temp. range	-10 ~ 60°C
Operation temp. range	-20 ~ 80°C
Safe overload	120% F.S.
Ultimate overload	150% F.S.
Cable size	Ø2 × 3000 mm
Protection class	IP64
Cable color code	Input: Red(+) Black(-); Output: Green(+) White(-);

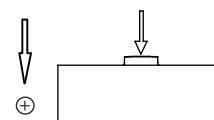


Features & Applications

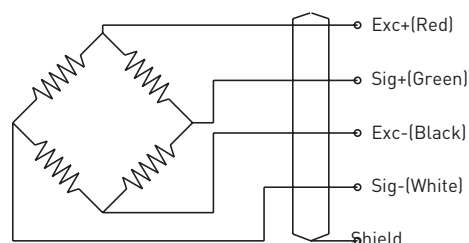
- Miniature load cell, low profile, IP64
- Made of stainless steel or aluminum alloy
- An adjustable resistance outside the load cell for zero adjustment
- Suitable for force measurement in limited spaces
- Various applications such as consumer electronics assembly, automation industry



Load Direction



Schematic Wiring Diagram



Note: Cable shield is not connected to element.