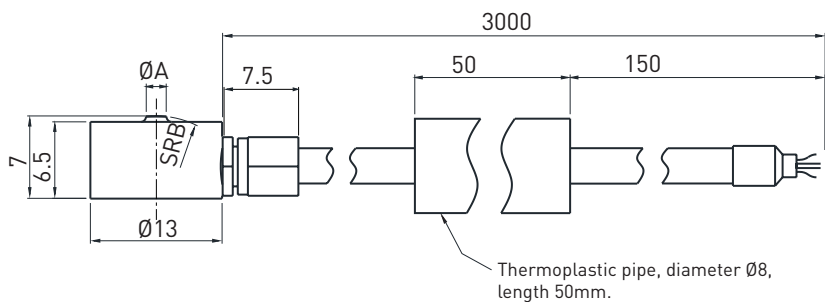


# Compression Load Cell

## Size and Capacity



SIZE(mm) CAP (kg)	A	B	Material	Weight
5/10/20	2	10	Stainless steel	0.1kg
30/50/100/200	3	18		



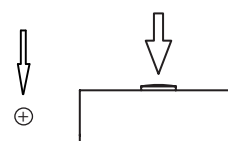
## Features & Applications

- Miniature load cell, low profile
- Made of stainless steel ,IP64
- There is 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

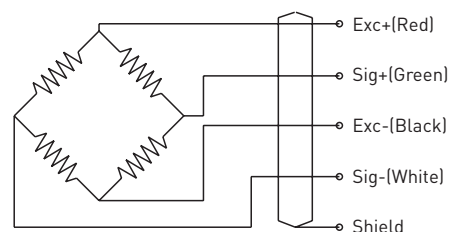
## Technical Parameters

Specifications	Technique
Rated output	1.5 ± 10% mV / V
Non-linearity	≤0.5% F.S.
Hysteresis	0.5 % F.S.
Repeatability	0.1% F.S.
Creep (30min)	1% F.S.
Temp. effect on output	0.36% F.S. / 10°C
Temp. effect on zero	0.18% F.S. / 10°C
Input impedance	350 ± 10 Ω
Output impedance	350 ± 5 Ω
Insulation	≥5000M Ω / 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(-);

## Load Direction



## Schematic Wiring Diagram



Note: Cable shield is not connected to element.