

## High Accuracy Force Sensor



### Capacities

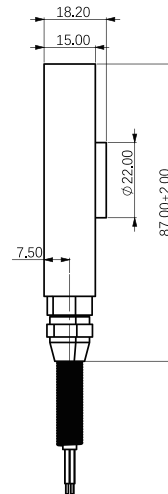
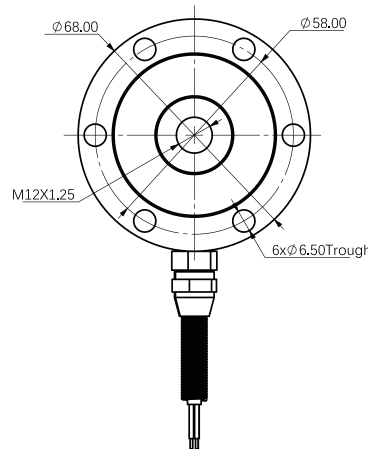
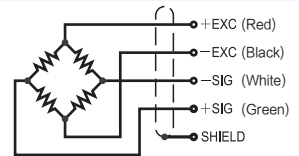
1000 N

### Features

- Pancake type
- Aluminum
- High accuracy
- High stability
- High natural frequency
- IP67
- Easy to install
- Strong overload protection capability
- Suitable for force measure applications
- Could be used both tension & compression with base assembled

### Schematic

- Red: + input
- Black: - input
- White: - output
- Green: + output



### Specifications

Rated output	2.0 mV/V	Temp range,safe	-40°C to +70°C
Rated output tolerance	±0.2 mV/V	Temp range,compensated	-10°C to +40°C
Zero balance	-0.06~0.06 mV/V	Max.safe overload	150% of rated capacity
Creep	±0.03% of load	Input impedance	1230 ohm ± 30 ohm
Linearity*	±0.03% of R.O	Output impedance	1050 ohm ± 5 ohm
Hysteresis*	±0.03% of R.O	Insulation resistance	≥5G Ohms (50V DV)
Repeatability*	±0.03% of R.O	Cable material	TPR
Temp comp on Span	0.002% of applied output/°C	Cable structure	Braid shield
Temp comp on Zero	0.002% of rated output/°C	Cable color code	Red(+E) Black(-E) Green(+S) White(-S)
Cable length	5 m	Natural Frequency	5500 Hz
Cable spec	4X24 AWG		

\*Recommend to use the original deigned base to get the performance.