

Miniature OEM force sensor

Performance

Force range(FS)	500 gram
Excitation	3~15Vdc
Impedance, Typical	1000Ω
FSO, Typical	15±5mV/V
Zero offset(@25°C)	±10mV/V
Zero drift(3min)	0.3% FS
Repeatability	0.3% FS
Nonlinearity(BFSL)	±0.5% FS
Hysteresis	±0.3% FS

Environmental

Storage temperature	-10 to 60°C
Operate temperature	-10 to 50°C
Temperature zero shift	±3% FS/10°C
Temperature sensitivity shift	±1.5% FS/10°C
Safe overload	>1.5 * FS
Insulation resistance(@250Vdc)	>50MΩ

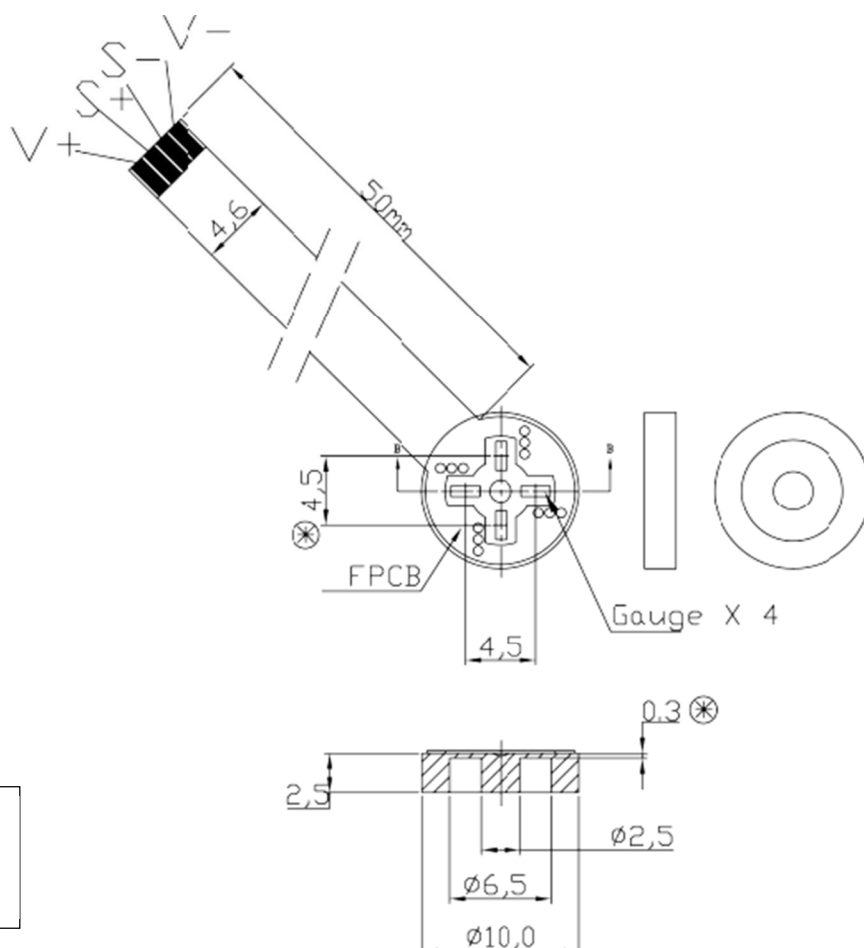


Features

- Small size
- Low Noise
- Stand for high overload
- Excellent reliability
- Low deflection

Application

- Medical device
- Physical therapy devices
- Hand tool forces
- Exercise equipment
- Appliance payload



Ordering Information

F1802-0.5

Force range:
0.5=0~500 gram
1=0~1000 gram
2=0~2000 gram
5=0~5000 gram