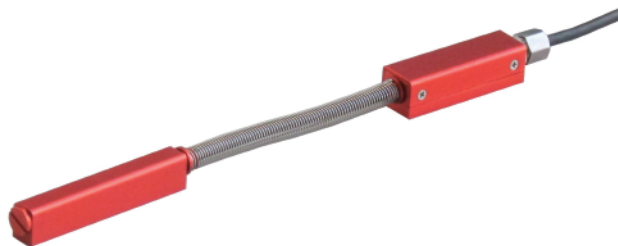


Single-axis angle sensor

TMI2-160

- Measurement angle : 90°
- Movable range (max.) : 150mm
- Movable range (min.) : 130mm



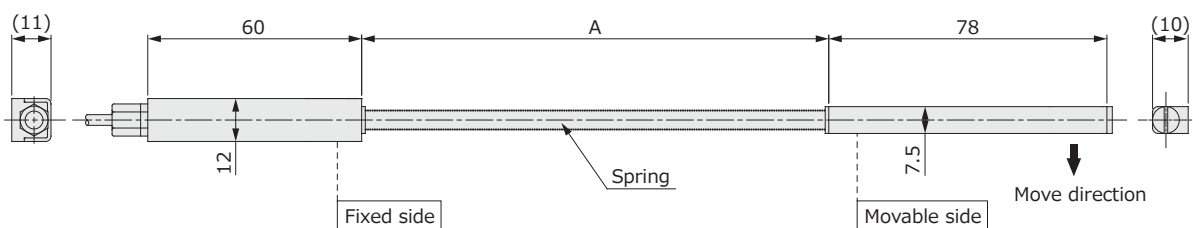
Specifications

Rated angle	90°
Rated output	>0.5mV/V
Accuracy	±2%R.O.
Repeatability	±2%R.O.
Temperature effect on zero	±0.15%R.O./°C
Temperature range, safe	0~+40°C
Maximum safe angle	100°
Excitation, maximum	5V
Input impedance	>60Ω
Output impedance	>80Ω
Cable length	1m
Cable type	φ3, 4-wire, PVC, Single floating screen

Cable color code

Item	Color
Excitation +	Red
Excitation -	White
Signal output +	Green
Signal output -	Black
Shield	Yellow

Outline dimensions (mm)



Dimensions

Item	A
Movable range (max.)	160±10mm
Movable range (min.)	100±10mm
Max length. compensated	150mm
Minimum length. compensated	130mm