

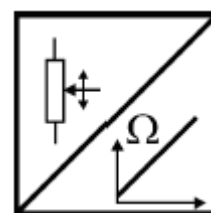
PCS78R Cable pull sensor

Precision potential meter output



Compact design suitable for the industry application

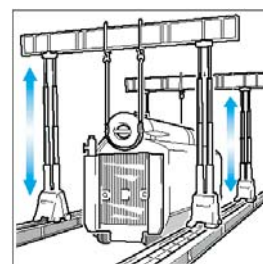
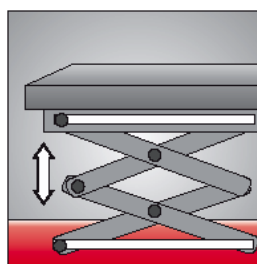
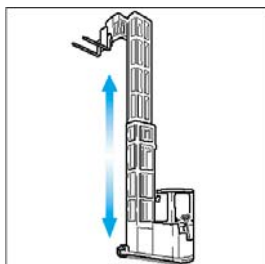
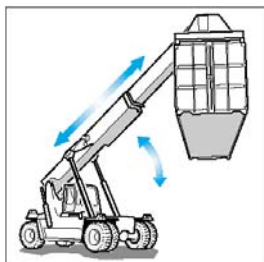
- IP class : IP65
- Measure range: 0.....2000mm
- Precision potential meter output



Technical feature

Electric output:	Precision potential meter output (0- 1K)
Accuracy:	± 1.5mm
Material:	Aluminum, stainless steel, copper, POM Wire: stainless steel (diameter 1.0mm)
Sensing unit:	“Sakae” multi-turns Precision potential meter.
Connection:	Cable outlet (1m) or Connector
Linearity:	±0.25% full range
Working environment: EMC: Temperature:	EN50082-2 -25°C—+80°C
Force on cable: Min: Max:	6.5N 9.8N
Against shock and vibration:	DIN EN60028-2-27, 150g, 3ms DIN EN60028-2-6, 10g, 10....2000HZ
IP class:	IP65
Working life (see note):	1,000,000times
weight:	Approx,0.7kg

Application Example:

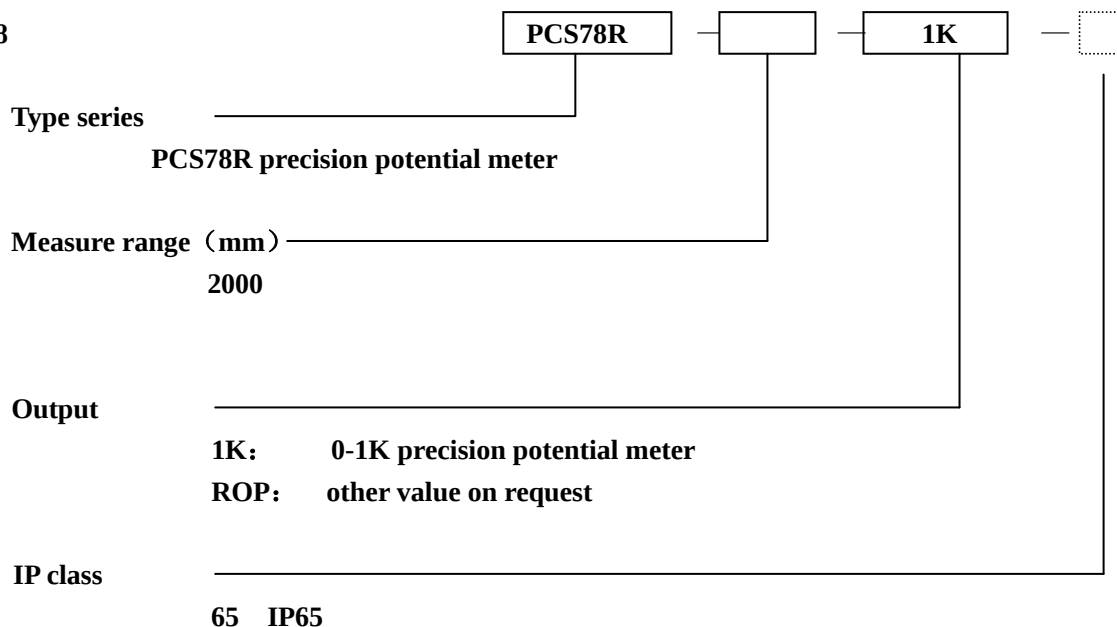


PCS78R Cable pull sensor

Precision potential meter output

Type code:

PCS78



Warning

Safety warning: Never let snap back the wire. Free back-running wire will damage the device.

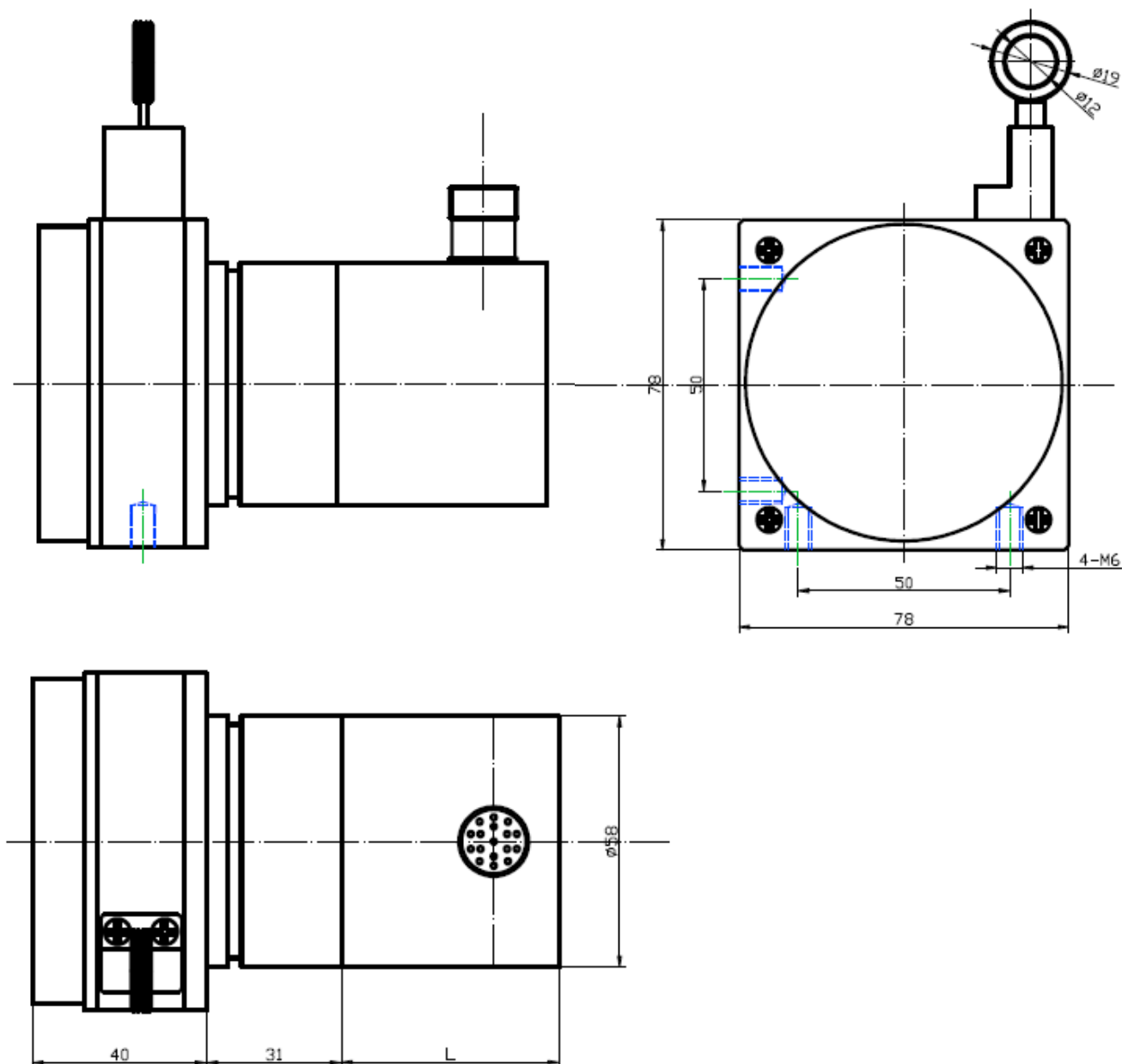
Note: Lifetime

The lifetime depends on type of load. Specified values are average. The lifetime may be decreased by fast, long-distance movements and may be increased, if slowly short-distance movements are applied.

PCS78R Cable pull sensor

Precision potential meter output

Housing dimension:



L= Sensor housing length