

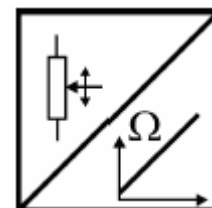
PCS90R Cable pull sensor

Precision potential meter output



Compact design suitable for the industry application

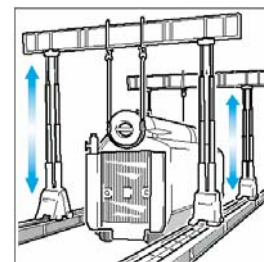
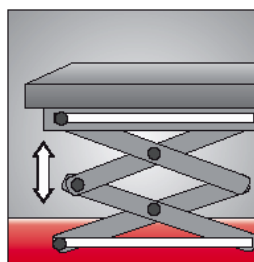
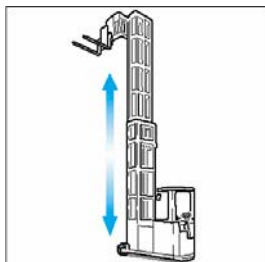
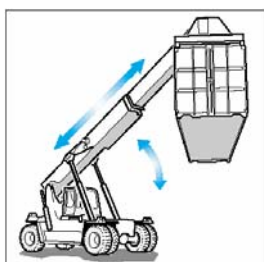
- IP class : IP65
- Measure range: 0.....2000mm, 3000mm
- Precision potential meter output



Technical feature

Electric output:	Precision potential meter output (0- 1K)
Accuracy:	± 0.5mm
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:	EN50082-2
Temperature:	-20°C—+70°C
Force on cable:	
Min:	6.5N
Max:	9.8N
Against shock and vibration:	DIN EN60028-2-27, 100g, 3ms DIN EN60028-2-6, 10g, 10....2000HZ
IP class:	IP65
Working life (see note):	500,000times
weight:	Approx,0.8kg

Application Example:

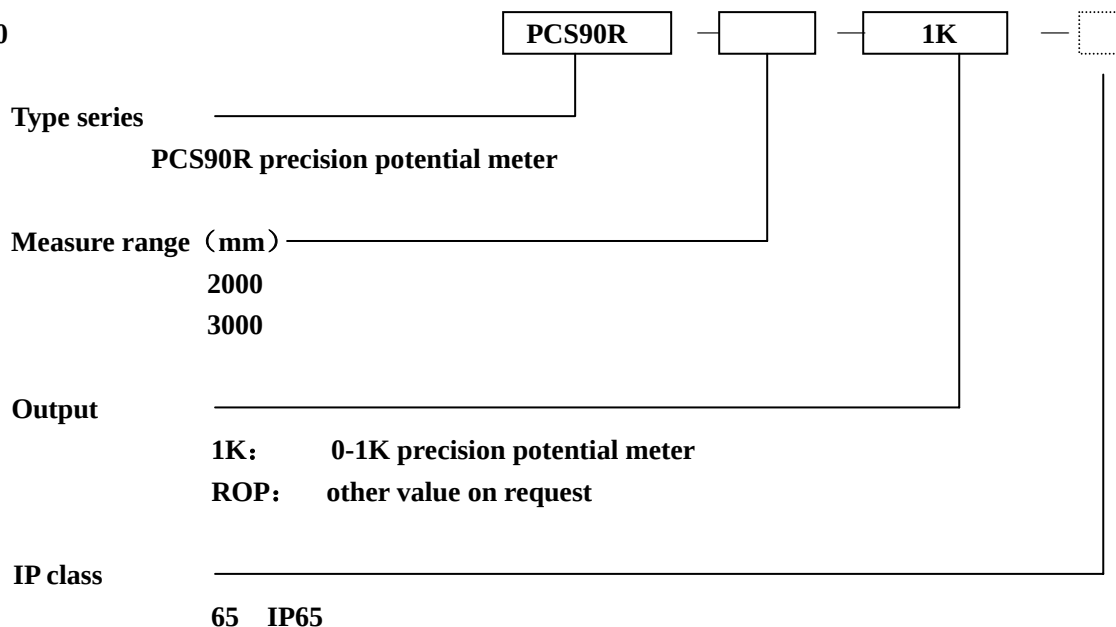


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Type code:

PCS90



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.

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Housing dimension A:

