

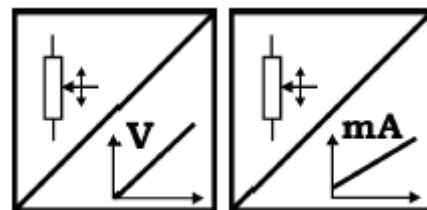
PCS78A Cable pull sensor

4-20mA output



Compact design suitable for the industry application

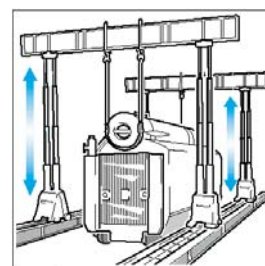
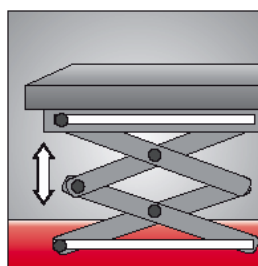
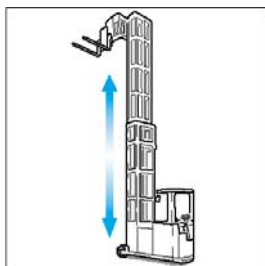
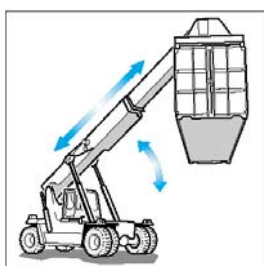
- IP Class: IP65
- Measure range: 0.....2000mm
- 10-30V, 4-20mA output, 0-10V output



Technical feature

Electric output:	Analog output 4-20MA (2-wire)
Accuracy:	± 1.5mm
Material:	Aluminum, stainless steel, copper, POM Wire: stainless steel (diameter 0.8 mm)
Sensing unit:	“Sakae” multi-turns Precision potential meter.
Connection:	Cable outlet (1m) or Plug
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:	294m/s ² /11ms XYZ. 10—55HZ/1.5mm
IP class:	IP65
Working life(see note):	1,000,000 cycles
weight:	Approx,0.7kg

Application Example:



PCS78A Cable pull sensor

4-20mA output

Order code:

PCS78

	PCS78A		MA	
Type series	PCS78A analogue output			
Measure range (mm)	1000 2000			
Signal output	MA: (4-20 mA) OP: (option)			
Connector	K1 (Cable 1m outlet) C1 (M12 4PIN connector)			



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.

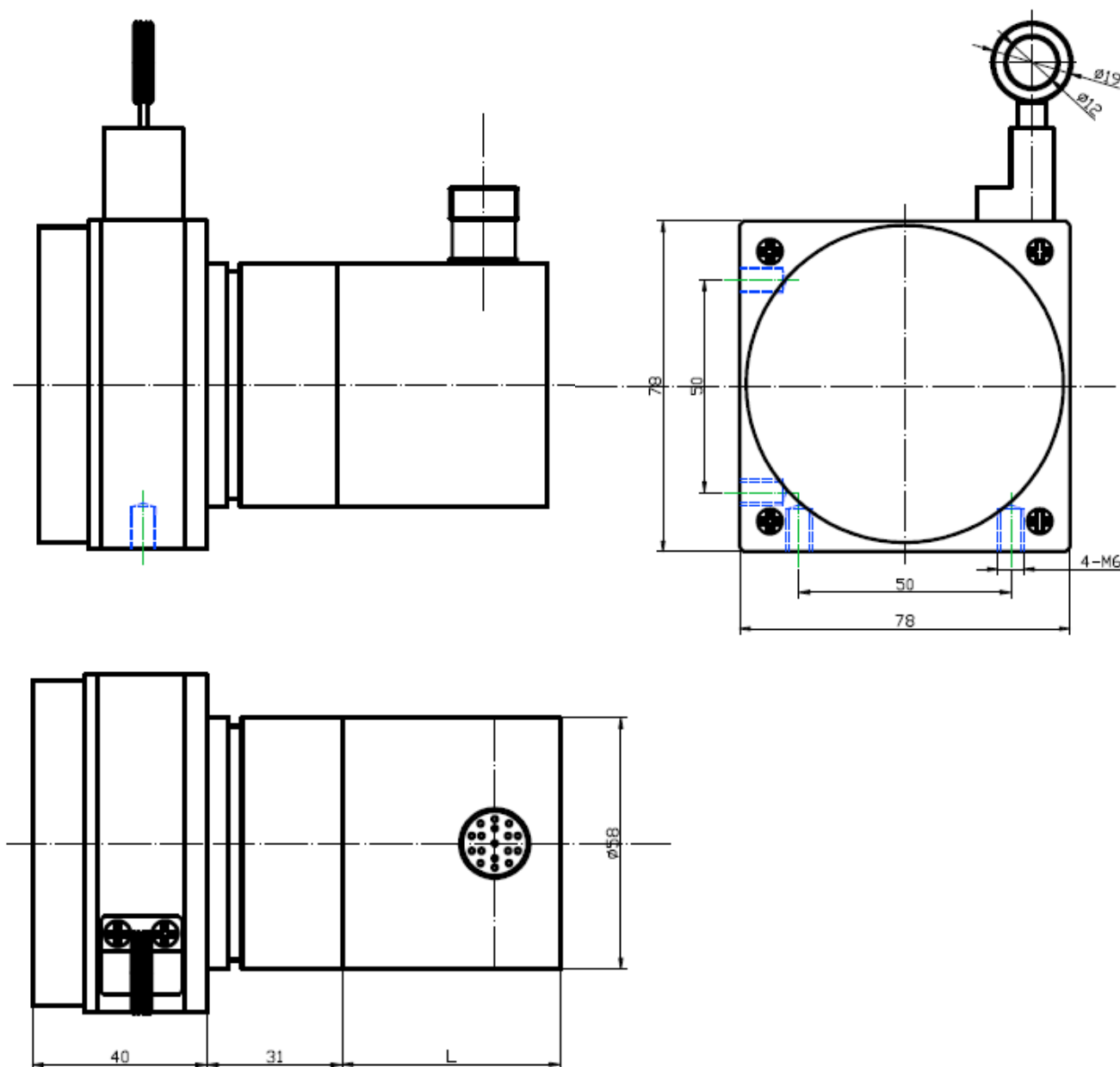
Electrical connect:

Singal	Cable	Connector
U+24V	Brown	PIN 1
Iout	Blue	PIN 3
Shield	----	---

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4-20mA output

Housing Dimension:



L=Sensor housing length