

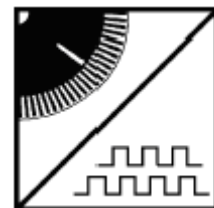
PCS78I Cable pull linear encoder

Incremental encoder output



Compact design suitable for industry application

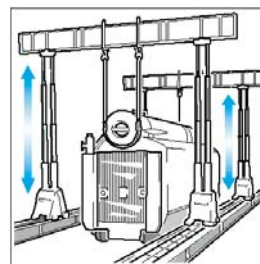
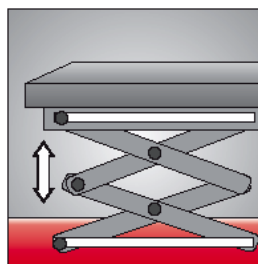
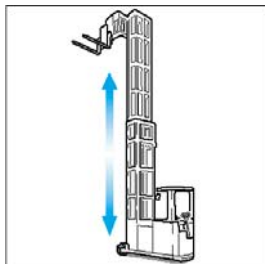
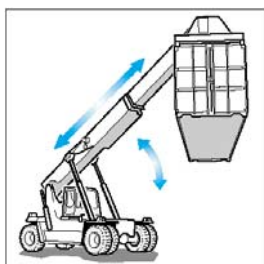
- IP Class: IP65
- Measure range: 0---2000mm
- Incremental encoder output



Technical feature

Electric output:	Incremental encoder output: 10-30VDC push-pull, 5V RS422, 10-30VDC RS422。
Resolution:	200.33mm/Rot $\pm$ 0.1mm
Material:	Aluminum, stainless steel, copper, POM Wire: stainless steel
Sensing Unit:	Incremental encoder
Connection:	Cable outlet or Plug
Accuracy:	$\pm$ 1.5mm
Working environment: EMC: Temperature:	Depend on the encoder (EN50081-1) -25°C—+85°C
Force on the cable: Min: Max:	6N 9.8N
Shock and Vibration:	Depend on encoder: DIN EN60028-2-27, 150g, 3ms DIN EN60028-2-6, 10g, 10....2000HZ
Lifetime (see note):	1,000,000 Cycles
IP Class:	IP65
Weight:	Approx. 0.7Kg

Application example:



Incremental encoder output

Type code:

PCS78

		PCS78I	—		—		—	PUPL	—	
Serial Type										
		PCS78I incremental encoder								
Range (mm)										
		2000								
mm/pulse										
		R02 0.2mm/Pulse								
		OP option enquiry								
output										
		PUPL 10-30VDC, A+B+O, push-pull								
		RS422 5VDC, A+B+O and A/+B/+O/ output								
		RS422A 10-30VDC, A+B+O and A/+B/+O/ output								
IP Class										
		65 IP65								
		55 IP50								



Warning

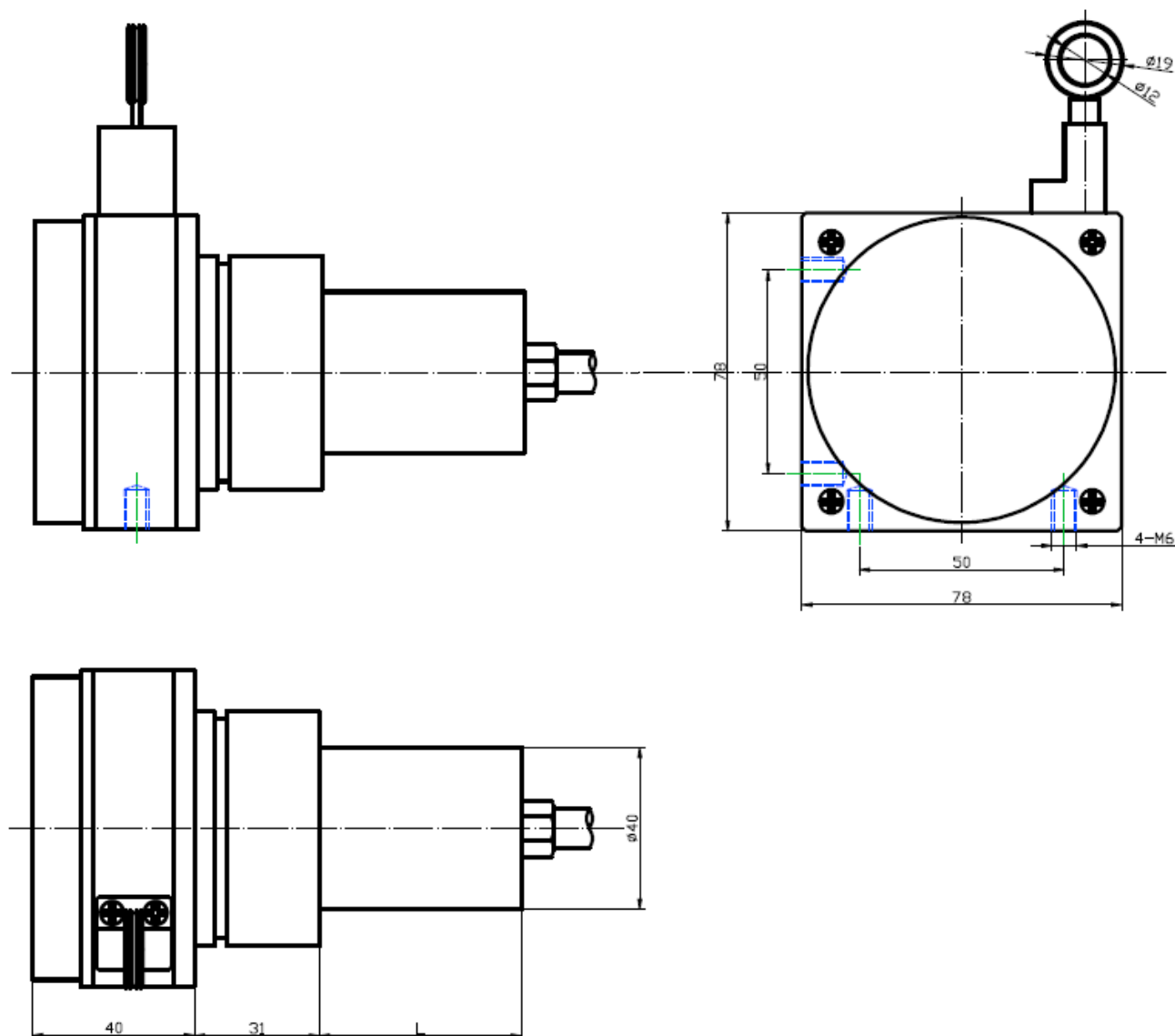
Safety warning: Never let snap back the wire. Free back-running wire will damage the device.

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.

Incremental encoder output

Housing and mounting dimension:



L= Encoder housing length