

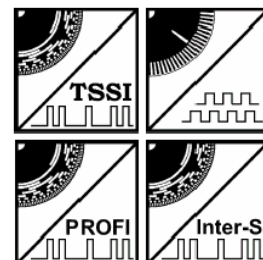
PCS130D, PCS130P cable pull linear encoder

Absolute encoder, incremental encoder output



Compact design suitable for industry application

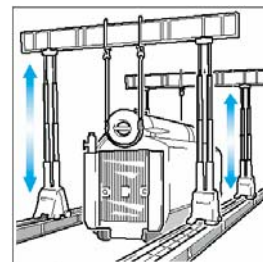
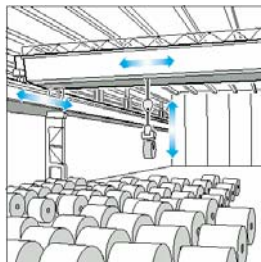
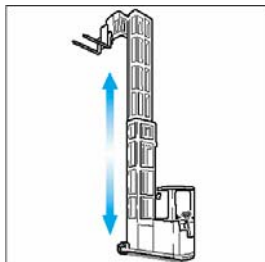
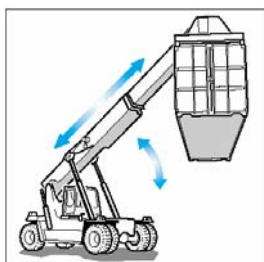
- IP class IP65
- Incremental and absolute encoder output
- Measure range 0---5000, 10000, 15000, 20000mm



Technical feature

Electric output:	Muti-turns absolute encoder with SSI, PROFIBUS, DEVICENET,CAN, AS-interface, INTERBUS etc. Incremental encoder: 10-30VDC push-pull, 5V RS422, 10-30VDC RS422。
Resolution:	349.168mm/Rot ± 0.157mm
Material:	Aluminum, stainless steel, copper , POM Wire: stainless steel(1.2mm)
Sensing Unit:	Multi-turns absolute encoder or incremental encoder.
Connection:	Pin connector or Cable outlet
Accuracy:	±1.5mm
working environment:	
EMC:	Depend on the encoder (EN50081-1)
Temperature:	-20°C—+70°C
Force on wire:	
Min:	10N
Max:	19N
Shock and vibration:	Depend on: DIN EN60028-2-27, 100g, 3ms DIN EN60028-2-6, 10g, 10....2000HZ
Lifetime (see note)	500,000 cycles
IP class:	IP65
Weight:	Approx. 3.5Kg

Application Example:



PCS130D, PCS130P cable pull linear encoder

Absolute encoder, incremental encoder output

Type code:

PCS130

	PCS130D	—		—		—	SSI	—	
Serial Type	PCS130D Absolute encoder PCS130P Incremental encoder								
Range (mm)	5000 10000 15000 20000								
mm/pulse	RST 0.0852mm/Pulse (absolute or incremental encoder) RHR 0.0426mm/Pulse (Only absolute encoder 13 bit/turn)								
Signal output	SSI 12x12Bits PRFI PROFIBUS interface DEVICE DEVICENET interface INTER INTERBUS interface CAN CAN interface ASI AS-interface interface PUPL 10-30VDC, A+B+O, Push-pull(only 130P) RS422 5VDC, A+B+O and A/+B/+O/ output (only PCS130P) RS422A 10-30VDC, A+B+O and A/+B/+O/ output (only PCS130P) * option enquiry								
Protection	65 IP65								



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.

