

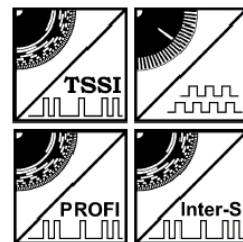
SL300X-D2 OEM cable pull

Design for hollow shaft absolute/incremental encoder



Compact design suitable for industry application

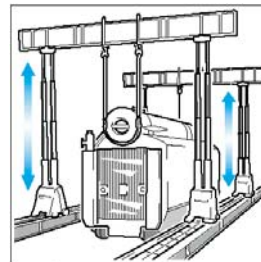
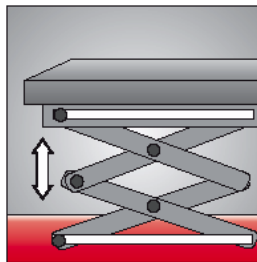
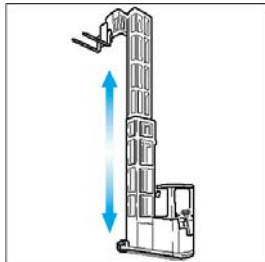
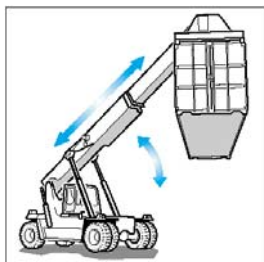
- IP Class: IP65
- Measure range: 0---2000,3000mm
- Suitable for spring plate hollow shaft absolute encoder
- Suitable for spring plate hollow shaft incremental encoder



Technical feature

Mounting encoder:	spring plate hollow shaft absolute encoder spring plate hollow shaft incremental encoder
Resolution:	222.94mm/Rot ± 0.094
Material:	Aluminum, stainless steel, copper , POM Wire: stainless steel rope (0.8mm)
Sensing unit:	Multi-turn absolute or incremental encoder
Shaft diameter:	Standard10x15mm 。 Other can use the adaptor shaft (accessories)
Accurcy:	±0.5mm
working environment:	
EMC:	Depend on the encoder (EN50081-1)
Temperature:	-25°C—+80°C
Force on wire:	
Min:	6N
Max:	9.8N
Shock and vibration:	Depend on: DIN EN60028-2-27, 100g, 3ms DIN EN60028-2-6, 10g, 10....2000HZ
Lifetime (see note):	1,000,000 Cycles
IP Class:	IP65
Weight:	Approx. 1.2Kg

Application example:



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Type code:

SL300X

	SL300			S	
Serial Type					
Range (mm)					
2	2000mm				
3	3000mm				
Steel rope					
D2	0.8mm diameter				
Shaft diameter					
S	Standard shaftØ 10mm				
O	Other can be use the adaptor shaft				
IP Class					
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.

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Dimension:

On Request