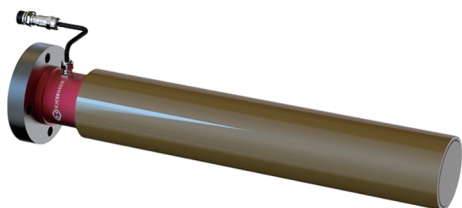


Cantilever tension sensor

X-ZL07



Feature

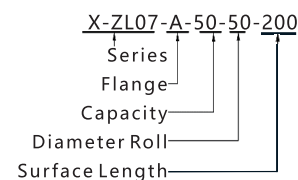
- ★ Easy to install.
- ★ Detection signal is not affected by the position of the coil on the roller.
- ★ Minor temperature drift, good Non-linearity and repeatability.
- ★ Special surface treatment process on the roller, no damage to raw materials.

Dimension and capacity can be customized by request.

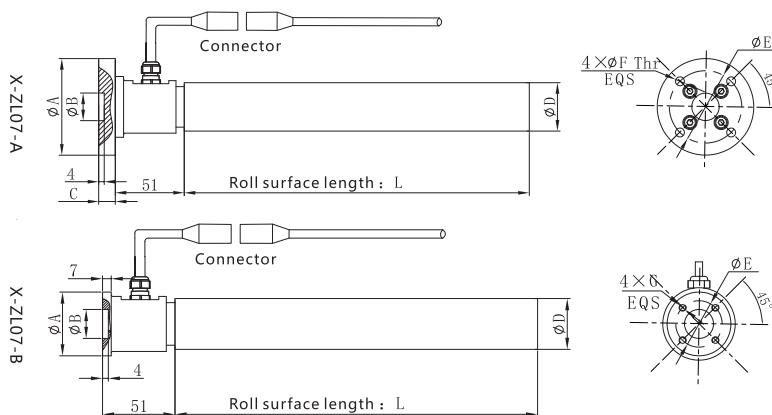
Technical specifications

Nonlinearity	≤0.5% F.S.	Rated output	1.0 ± 0.1mV/V
Repeatability	≤0.1%F.S.	Zero balance	± 2% F.S.
Operating temp range	-20~80°C	Compensated temp range	-10~40°C
Temp effect on zero	≤0.02%F.S/°C	Insulation	≥2000MΩ/100VDC
Recommended excitation	5~10VDC	Ultimate load limit	300%F.S.
Cable size	∅5x5m	Protection class	IP54
Cable connection	Ex + : Red; Ex - : Black; Sig + : Green; Sig - : White		

Naming rules



Dimensional Drawings (mm)



Model no	Capacity(kg)	A	B	C	D	E	F	G	L
X-ZL07-A-□-35-□	5,10	70	20	12	35	52.5	6.5	/	100,150,200,250mm Optional
X-ZL07-A-□-50-□	10,20,30,50	70	20	12	50	52.5	6.5	/	200,250,300,350, 400mm Optional
X-ZL07-A-□-75-□	10,20,30,50	108	30	20	75	86	11	/	300,350,400,450,500, 550mm Optional
X-ZL07-B-□-35-□	2.5,5,10	41	20	/	35	32	/	M5 Depth10	100,150,200,250mm Optional
X-ZL07-B-□-50-□	10,20,30,50	41	20	/	50	32	/	M5 Depth10	200,250,300,350, 400mm Optional
X-ZL07-B-□-75-□	10,20,30,50	64	30	/	75	45	/	M6 Depth11	300,350,400,450,500, 550mm Optional

Applications

It can be used to measure and control the tension of materials during processing, such as paper, label, tape, battery electrode, high performance film and other narrow materials. The sensor's detection signal is not affected by the position of the coiled material on the roller.