

**X-ZL17**



**Feature**

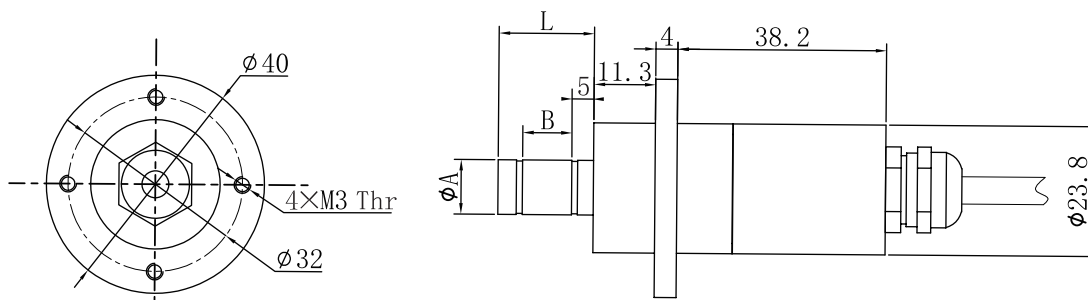
- ★ Easy to install, high measurement accuracy.
- ★ Low tension conditions can also be accurately measurement.
- ★ Built-in new mechanical 10 times anti-overload protection.
- ★ Minor temperature drift, good non-linearity and repeatability.
- ★ Small size, little space required for installation.

Dimension and capacity can be customized by request.

**Technical specifications**

Nonlinearity	≤0.2% F.S.	Rated output	1.0 ± 0.1 mV/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	500% F.S.
Cable size	∅5x5m	Protection class	IP54
Cable connection	Ex + : Red; Ex - : Black; Sig + : Green; Sig - : White		

**Dimensional Drawings (mm)**



Model no	Capacity (N)	Dimension		
		A	B	L
X-ZL17-10-6	10	6	6	14.5
X-ZL17-20-6	20	6	6	14.5
X-ZL17-50-6	50	6	6	14.5
X-ZL17-100-6	100	6	6	14.5
X-ZL17-300-6	300	6	6	14.5

Model no	Capacity(N)	Dimension		
		A	B	L
X-ZL17-10-10	10	10	9	17.5
X-ZL17-20-10	20	10	9	17.5
X-ZL17-50-10	50	10	9	17.5
X-ZL17-100-10	100	10	9	17.5
X-ZL17-300-10	300	10	9	17.5

**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.