

X-ZL06



Feature

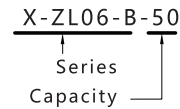
- ★ Easy to install with various installation modes.
- ★ Detection signal is not affected by the position of the coil on the roller.
- ★ Built-in new mechanical 10 times anti-overload protection.
- ★ Minor temperature drift, good non-linearity and repeatability.
- ★ Small size, little space required for installation.

Dimension and capacity can be customized by request.

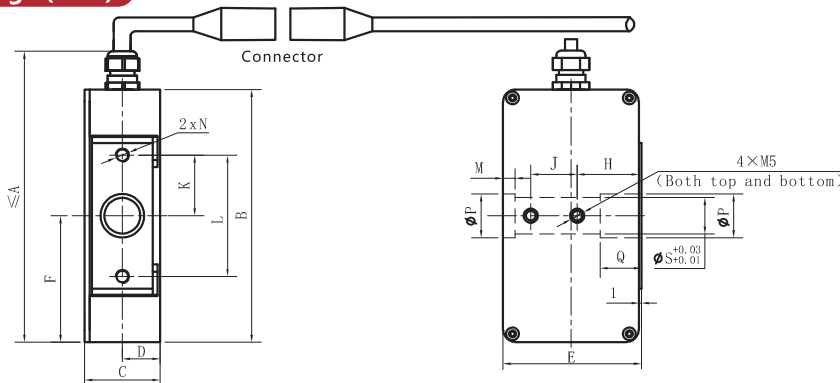
Technical specifications

Nonlinearity	≤0.2%F.S.	Rated output	1.0 ± 0.2mV/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	IP63
Cable connection	Ex + : Red; Ex - : Black; Sig + : Green; Sig - : White		

Naming rules



Dimensional Drawings (mm)



Model no	Capacity (kg)	Dimension														
		A	B	C	D	E	F	H	J	K	L	M	N	P	Q	S
X-ZL06-A-5	5	132	113	31	15.5	55.6	56.5	25.4	19	25.4	50.8	3.8	1/4-20 Depth 9	22.4	15	15.9
X-ZL06-A-10	10	132	113	31	15.5	55.6	56.5	25.4	19	25.4	50.8	3.8	1/4-20 Depth 9	22.4	15	15.9
X-ZL06-A-15	15	132	113	31	15.5	55.6	56.5	25.4	19	25.4	50.8	3.8	1/4-20 Depth 9	22.4	15	15.9
X-ZL06-A-25	25	132	113	31	15.5	55.6	56.5	25.4	19	25.4	50.8	3.8	1/4-20 Depth 9	22.4	15	15.9
X-ZL06-A-50	50	132	113	31	15.5	55.6	56.5	25.4	19	25.4	50.8	3.8	1/4-20 Depth 9	22.4	15	15.9
		A	B	C	D	E	F	H	J	K	L	M	N	P	Q	S
X-ZL06-B-2.5	2.5	126	104	31	15.5	57	52	25.5	19	25	50	5	M6 Depth 12	18	15.5	15
X-ZL06-B-5	5	126	104	31	15.5	57	52	25.5	19	25	50	5	M6 Depth 12	18	15.5	15
X-ZL06-B-10	10	126	104	31	15.5	57	52	25.5	19	25	50	5	M6 Depth 12	18	15.5	15
X-ZL06-B-20	20	156	134	44	22	63	67	31.5	19	35	70	5	M10 Depth 12	30	15.5	25
X-ZL06-B-30	30	156	134	44	22	63	67	31.5	19	35	70	5	M10 Depth 12	30	15.5	25
X-ZL06-B-50	50	156	134	44	22	63	67	31.5	19	35	70	5	M10 Depth 12	30	15.5	25

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.