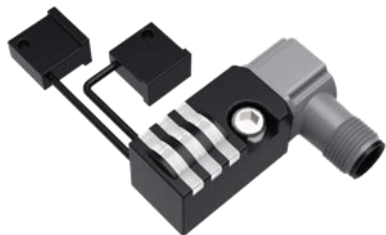


Clamp position sensor LT18 series



Features

- Built-in short circuit protection, reverse polarity protection and overload protection
- With anti-magnetic field interference function, anti-magnetic: $\geq 100\text{mT}$
- Standard cable length of S01 and S02 can be 10cm, 15cm or 20cm
- The connector head can be rotated at 0°, 45°, and 90° positions for flexible wiring
- 2 normally open, PNP and NPN output optional



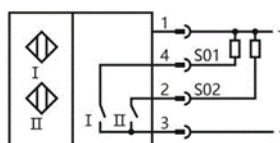
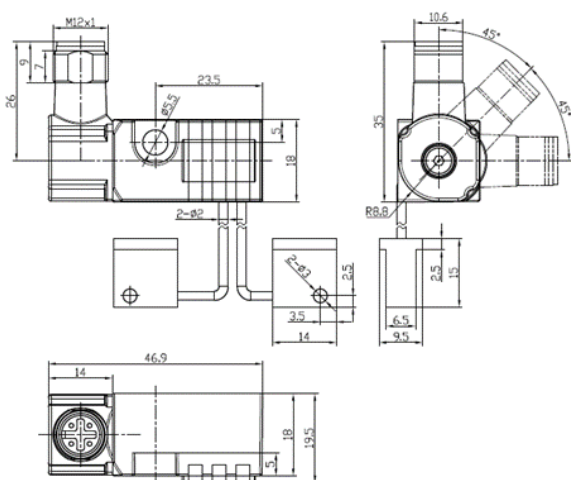
Model

PNP	LT18SN02DPOA-E2 1001(Length of detection head 100mm)	NPN	LT18SN02DNOA-E2 1001(Length of detection head100mm)
PNP	LT18SN02DPOA-E2 1002(Length of detection head 150mm)		
PNP	LT18SN02DPOA-E2 1003(Length of detection head 200mm)		

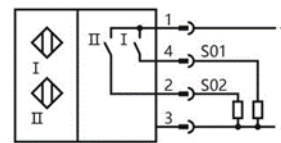
Specifications

Installation type	Non-flush	Protection circuit	Short circuit protection、 overload protection、 Polarity protection
Rated distance Sn	S01:2mm S02:2mm	Output indication	S01:Yellow LED S02:Red LED
Ensure distance	S01:0...1.6mm S02:0...1.6mm	Power indicator	Green LED
Shape specification	47*18*35.1mm	Ambient temperature	-25°C...70°C
Output type	NO+NO	Environment humidity	35...95%RH
Supply voltage	10...30 VDC	Switching frequency	30Hz
Standard target	Fe 5*5*1t	Impact withstand voltage	1000V/AC 50/60Hz 60S
Switch point offset	$\leq \pm 10\%Sr$	Insulation resistance	$\geq 50\text{M}\Omega(500\text{VDC})$
Hysteresis range	3...15%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz
Repetitive error	$\leq 3\%$		(2 hours each in X, Y, and Z directions)
Load current	$\leq 150\text{mA}$	Protection degree	IP67
Residual voltage	$\leq 2.5\text{VDC}$	Housing material	PA66+20%GF Lampshade :PC
Temperature drift	$< \pm 10\%$	Connection type	Rotatable M12 connector
Consumption current	$\leq 20\text{mA}$		

Dimensions



NPN NO+NO



PNP NO+NO

