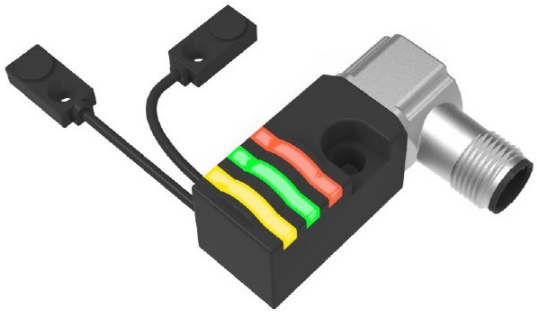
Clamp position sensor **LT18** series



Features

- Built-in short circuit protection, reverse polarity protection and overload protection
- With anti-magnetic field interference function, anti-magnetic: ≥100mT
- 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

CE

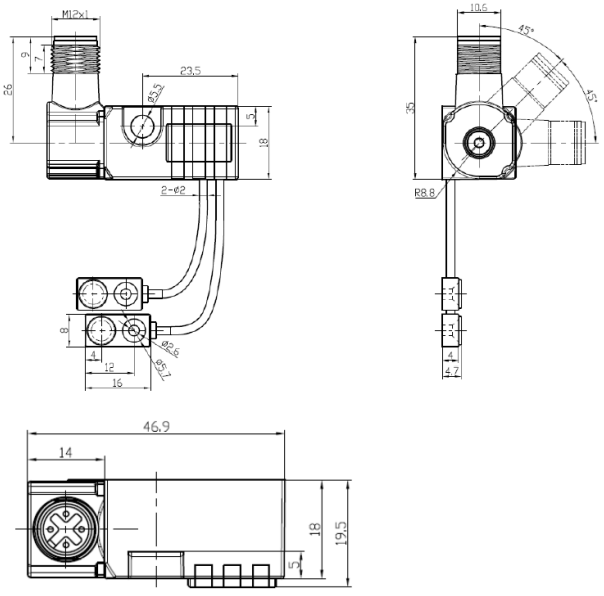
Model

PNP	LT18SN02DPOA-E2 3001(Length of detection head 100mm)	NPN	LT18SN02DNOA-E2 3001(Length of detection head100mm)

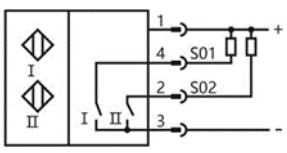
Specifications

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*35mm	Ambient temperature	-25℃...70℃
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	≤±10%Sr	Insulation resistance	≥50MΩ(500VDC)
Hysteresis range	3...15%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz
Repetitive error	≤3%		(2 hours each in X, Y, and Z directions)
Load current	≤150mA	Protection degree	IP67
Residual voltage	≤2.5V	Housing material	PA66+20%GF Lampshade :PC
Temperature drift	＜±10%	Connection type	Rotatable M12 connector
Consumption current	≤20mA		

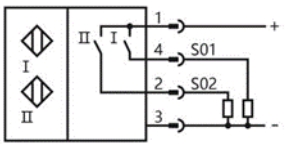
Dimensions



Wiring diagram

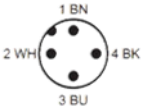


NPN NO+NO



PNP NO+NO

1—BN：+
2—WH：out（S02）
3—BU：—
4—BK：out （S01）



* Lanbao reserves all the rights