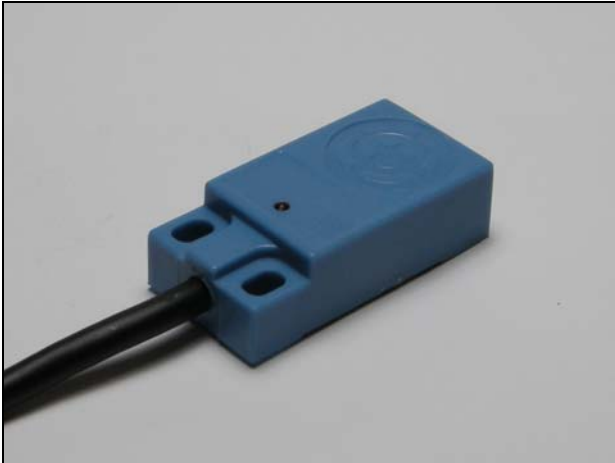
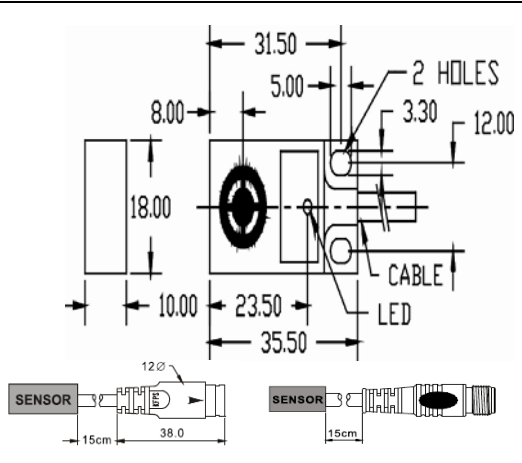
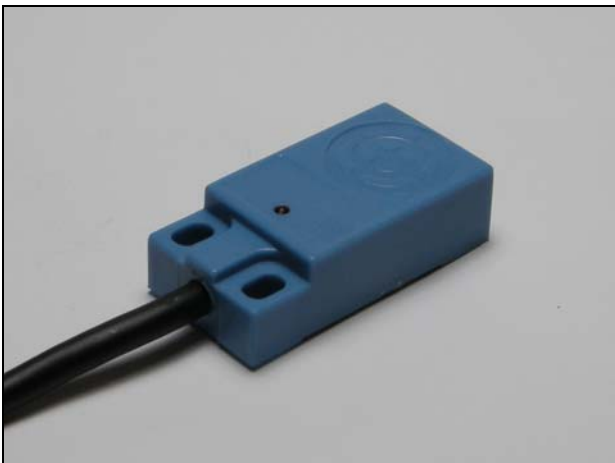
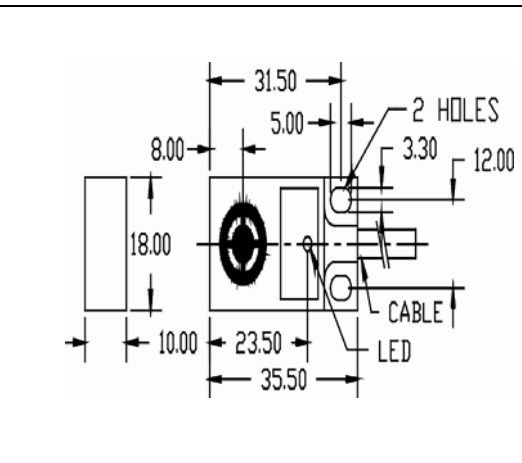


**TL-18.5 Series**

- 👍 **No-touch operation · high response frequency · wide application range.**
- 👍 **Reverse polarity and Swapped signal wires protection.**
- 👍 **High-intensity LED for sending indication.**
- 👍 **Good environmental resistance · all products are CE approved**
- 👍 **High degree of protection up to IP67**

Switching Output	Model Number	Operating voltage	Response frequency	Connecting method
DC 3-Wire NPN NO	TL-18.5NSE1-C	DC 10~30V	600Hz	Cable with Quick connector
DC 3-Wire PNP NO	TL-18.5PSE1-C			
DC 2-Wire NPN/PNP NO	XPC-18.5DSE1-U			Cable with M12 plug

Switching Output	Model Number	Operating voltage	Response frequency	Connecting method
DC 3-Wire NPN NO	TL-18.5NSE1	DC 10~30V	600Hz	Pre-wired 2M Cable
DC 3-Wire NPN NC	TL-18.5NSE2			
DC 3-Wire PNP NO	TL-18.5PSE1			
DC 3-Wire PNP NC	TL-18.5PSE2			
DC 2-Wire NPN/PNP NO	XPC-18.5DSE1			

Item	Specifications
Standard sensing object	Iron, 18×18×1 mm
Sensing distance	5mm
Load current	DC 3-Wire Type : 0 ~ 200mA DC 2-Wire Type : 3 ~ 100mA
Operation indicator	Red LED
Circuits protection	Reversed polarity & Short circuit protection
Enclosure protection	IEC IP67
Ambient temperature & humidity range	Operating : -25 ~ 70°C / RH 35 ~95% (with no icing or condensation)
Insulation resistance	50MΩ minimum. (at 500VDC) between current carry parts and case
Voltage with stand ability	1000VAC 50/60Hz for 1 minute between current carry parts and case
Vibration resistance	10 ~ 55Hz : 15mm double amplitude for 2 hours each in X,Y and Z directions
Shock resistance	500m/s <sup>2</sup> (50G approx) 10 times each in X,Y and Z directions
Housing material	PBT