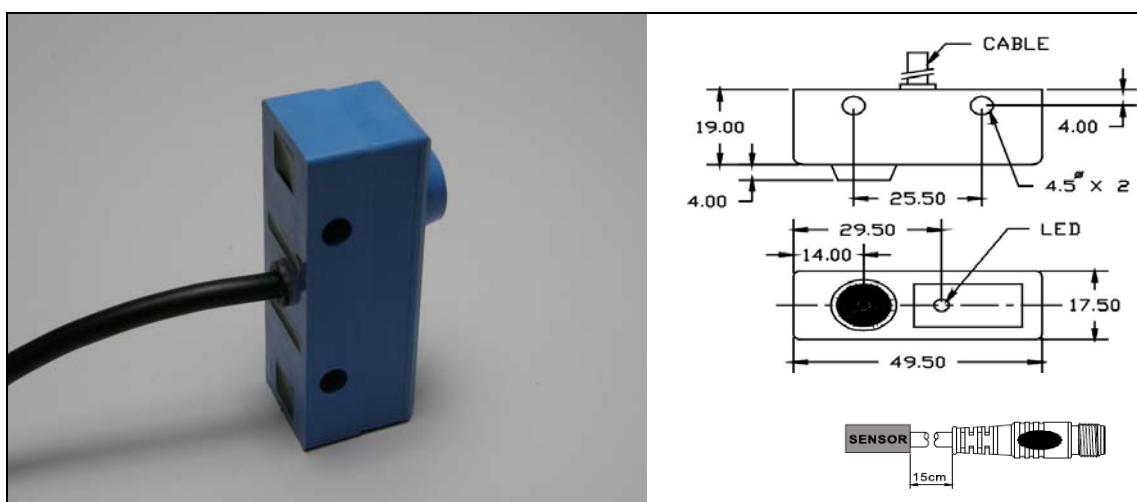
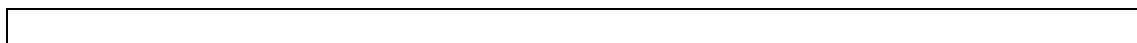


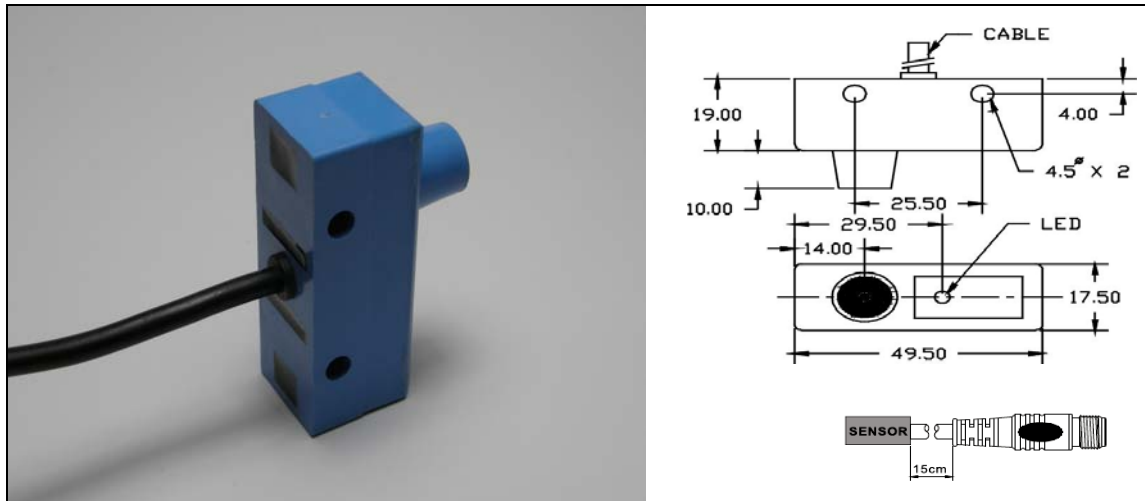
TL-17 Series

- 👍 **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	Sensing Distance	Response Frequency	Connecting Method			
DC 3-Wire NPN NO	TL-17N02E1	DC 10~30V	2mm	1000Hz	Pre-wired 2M Cable			
	TL-17N02E1-U				Cable with M12 plug			
DC 3-Wire NPN NC	TL-17N02E2				Pre-wired 2M Cable			
	TL-17N02E2-U				Cable with M12 plug			
DC 3-Wire PNP NO	TL-17P02E1				Pre-wired 2M Cable			
	TL-17P02E1-U				Cable with M12 plug			
DC 3-Wire PNP NC	TL-17P02E2				Pre-wired 2M Cable			
	TL-17P02E2-U				Cable with M12 plug			
DC 2-Wire NPN/PNP NO	XPD-17D02E1				Pre-wired 2M Cable			
	XPD-17D02E1-U				Cable with M12 plug			
AC 2-Wire SCR NO	XPD-17A02E1				AC 24~250V	2mm	25Hz	Pre-wired 2M Cable
	XPD-17A02E1-H							Cable with M12 plug
AC 2-Wire SCR NC	XPD-17A02E2	Pre-wired 2M Cable						
	XPD-17A02E2-H	Cable with M12 plug						





Switching Output	Model Number	Operating voltage	Sensing Distance	Response Frequency	Connecting Method			
DC 3-Wire NPN NO	TL-17N04E1	DC 10~30V	4mm	600Hz	Pre-wired 2M Cable			
	TL-17N04E1-U				Cable with M12 plug			
DC 3-Wire NPN NC	TL-17N04E2				Pre-wired 2M Cable			
	TL-17N04E2-U				Cable with M12 plug			
DC 3-Wire PNP NO	TL-17P04E1				Pre-wired 2M Cable			
	TL-17P04E1-U				Cable with M12 plug			
DC 3-Wire PNP NC	TL-17P04E2				Pre-wired 2M Cable			
	TL-17P04E2-U				Cable with M12 plug			
DC 2-Wire NPN/PNP NO	XPD-17D04E1				Pre-wired 2M Cable			
	XPD-17D04E1-U				Cable with M12 plug			
AC 2-Wire SCR NO	XPD-17A04E1				AC 24~250V	4mm	25Hz	Pre-wired 2M Cable
	XPD-17A04E1-H							Cable with M12 plug
AC 2-Wire SCR NC	XPD-17A04E2	Pre-wired 2M Cable						
	XPD-17A04E2-H	Cable with M12 plug						

Item	Specifications
Standard sensing object	Iron, 12×12×1 mm
Load current	DC 3-Wire Type : 0 ~ 200mA DC 2-Wire Type : 3 ~ 100mA AC 2-Wire Type : 5 ~ 300mA
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	50M Ω 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 ² (50G approx) 10 times each in X,Y and Z directions
Housing material	PBT