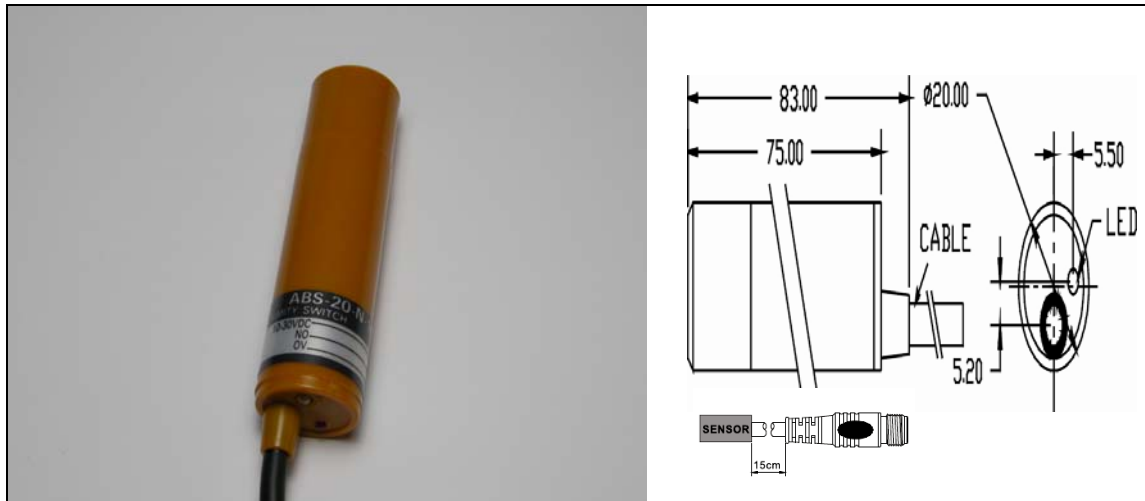


ABS-20 Series

- 👍 **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 IP68**



Switching Output	Model Number	Operating voltage	Response Frequency	Connecting Method		
DC 3-Wire NPN NO	ABS-20N10E1	DC 10~30V	200Hz	Pre-wired 2M Cable		
	ABS-20N10E1-U			Cable with M12 plug		
DC 3-Wire NPN NC	ABS-20N10E2			Pre-wired 2M Cable		
DC 3-Wire PNP NO	ABS-20P10E1			Cable with M12 plug		
	ABS-20P10E1-U			Pre-wired 2M Cable		
DC 3-Wire PNP NC	ABS-20P10E2			Cable with M12 plug		
DC 2-Wire NPN/PNP NO	XPB-20D10E1			AC 24~250V	25Hz	Pre-wired 2M Cable
	XPB-20D10E1-U					Cable with M12 plug
AC 2-Wire SCR NO	XPB-20A10E1	Pre-wired 2M Cable				
	XPB-20A10E1-H	Cable with M12 plug				
AC 2-Wire SCR NC	XPB-20A10E2	Pre-wired 2M Cable				
	XPB-20A10E2-H	Cable with M12 plug				

Item	Specifications
Standard sensing object	Iron, 25×25×1 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 IP68
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	ABS