

ABS-30 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	Sensing Distance	Response Frequency	Operating voltage	Connecting Method	
DC 3-Wire NPN NO	ABS-30N10E1	10mm	400Hz	DC 10~30V	Pre-wired	
	ABS-30N15E1	15mm	100Hz		2M Cable	
	ABS-30N10E1-U	10mm	400Hz		Cable with	
	ABS-30N15E1-U	15mm	100Hz		M12 plug	
DC 3-Wire NPN NC	ABS-30N10E2	10mm	400Hz		Pre-wired	2M Cable
	ABS-30N15E2	15mm	100Hz			
DC 3-Wire PNP NO	ABS-30P10E1	10mm	400Hz		Cable with	M12 plug
	ABS-30P15E1	15mm	100Hz			
	ABS-30P10E1-U	10mm	400Hz			
	ABS-30P15E1-U	15mm	100Hz			
DC 3-Wire PNP NC	ABS-30P10E2	10mm	400Hz		Pre-wired	2M Cable
	ABS-30P15E2	15mm	100Hz			
DC 2-Wire NPN/PNP NO	XPB-30D105E1	10mm	400Hz	Cable with	M12 plug	
	XPB-30D15E1	15mm	100Hz			
	XPB-30D10E1-U	10mm	400Hz			
	XPB-30D15E1-U	15mm	100Hz			
AC 2-Wire SCR NO	XPB-30A10E1	10mm	25Hz	AC 24~250V	Pre-wired	
	XPB-30A15E1	15mm			2M Cable	
	XPB-30A10E1-H	10mm			Cable with	

	XPB-30A15E1-H	15mm			M12 plug
AC 2-Wire SCR NC	XPB-30A10E2	10mm	25Hz	AC 24~250V	Pre-wired
	XPB-30A15E2	15mm			2M Cable
	XPB-30A10E2-H	10mm			Cable with
	XPB-30A15E2-H	15mm			M12 plug

Item	Specifications
Standard sensing object	Iron, 30×30×1 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	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 ² (50G approx) 10 times each in X,Y and Z directions
Housing material	PBT