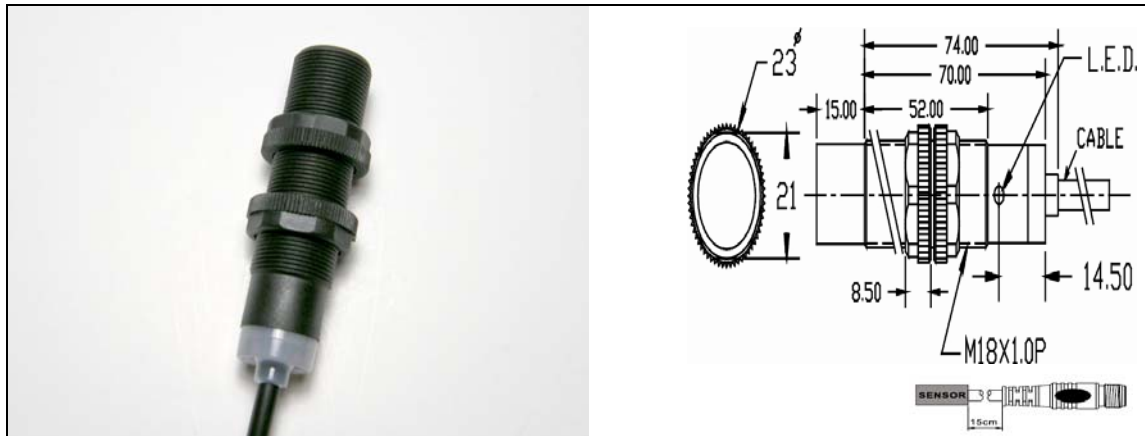


**ABS-18 Series**

- 👍 **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-18N05E1	5mm	600Hz	DC 10~30V	Pre-wired	
	ABS-18N08E1	8mm	300Hz		2M Cable	
	ABS-18N05E1-U	5mm	600Hz		Cable with	
	ABS-18N08E1-U	8mm	300Hz		M12 plug	
DC 3-Wire NPN NC	ABS-18N05E2	5mm	600Hz		Pre-wired	2M Cable
	ABS-18N08E2	8mm	300Hz			
DC 3-Wire PNP NO	ABS-18P05E1	5mm	600Hz		Cable with	M12 plug
	ABS-18P08E1	8mm	300Hz			
	ABS-18P05E1-U	5mm	600Hz			
	ABS-18P08E1-U	8mm	300Hz			
DC 3-Wire PNP NC	ABS-18P05E2	5mm	600Hz		Pre-wired	2M Cable
	ABS-18P08E2	8mm	300Hz			
DC 2-Wire NPN/PNP NO	XPB-18D05E1	5mm	600Hz	Cable with	M12 plug	
	XPB-18D08E1	8mm	300Hz			
	XPB-18D05E1-U	5mm	600Hz			
	XPB-18D08E1-U	8mm	300Hz			
AC 2-Wire SCR NO	XPB-18A05E1	5mm	25Hz	AC 24~250V	Pre-wired	
	XPB-18A08E1	8mm			2M Cable	
	XPB-18A05E1-H	5mm			Cable with	

	XPB-18A08E1-H	8mm			M12 plug
AC 2-Wire SCR NC	XPB-18A05E2	5mm	25Hz	AC 24~250V	Pre-wired
	XPB-18A08E2	8mm			2M Cable
	XPB-18A05E2-H	5mm			Cable with
	XPB-18A08E2-H	8mm			M12 plug

Item	Specifications
Standard sensing object	Iron, 18×18×1 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 <sup>2</sup> (50G approx) 10 times each in X,Y and Z directions
Housing material	PBT