


M12 Series

- 👍 **Long-distance detection at up to 4mm**
- 👍 **Completely stainless-steel housing**
- 👍 **No-touch operation 、 high response frequency 、 wide application range.**
- 👍 **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	Sensing distance
DC 3-Wire NPN NO	XN-F12N02E1	DC 10~30V	1500Hz	2mm
	XN-F12N04E1		750Hz	4mm
DC 3-Wire PNP NO	XN-F12P02E1		1500Hz	2mm
	XN-F12P04E1		750Hz	4mm

Item	Specifications
Standard sensing object	Iron, 12×12×1 mm / 14×14×1 mm
Installation	Shielded
Load current	0 ~ 200mA
Operation indicator	Yellow LED
Circuits protection	Short circuit protection
Enclosure protection	IEC IP67
Ambient temperature & humidity range	Operating : -25 ~ 70°C / RH 35 ~85% (with no icing or condensation)
Housing material	stainless steel
Connecting method	Pre-wired 2M Cable