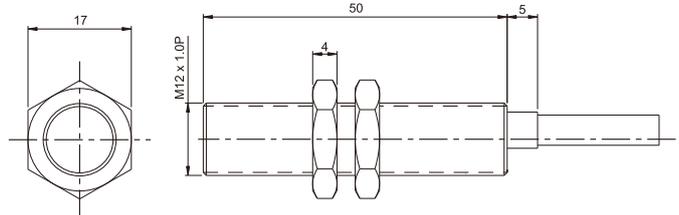


XN2 Series

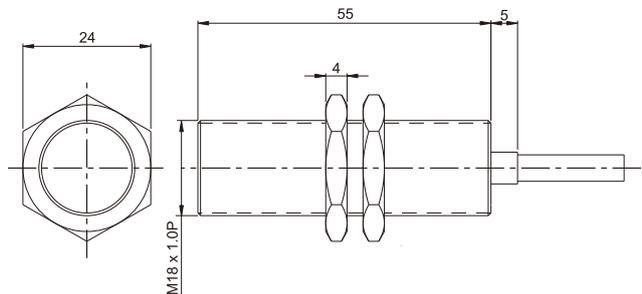
- ☪ XN2-series for Aluminum, Brass and other non-ferrous metals, Iron is not detected.
- ☪ Completely all stainless-steel housing, wide range application.
- ☪ Variety of specification, switching output and housing dimension.
- ☪ Short circuit protection, good environmental resistance up to IP67 and all products are CE approved.



IEC IP67

Pre-wired 2M Cable / Stainless-Steel

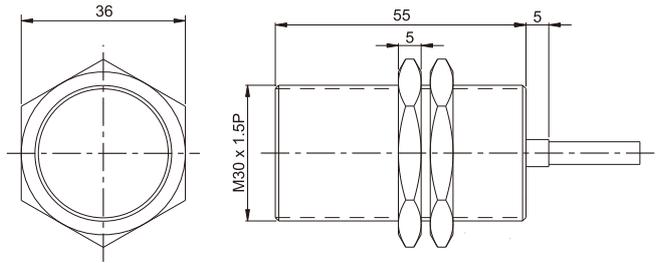
Switching Output	Model Number	Operating Voltage	Response Frequency	Sensing Distance
DC 3-Wire NPN NO	XN2-F12N02E1	12~24VDC±10%	1000Hz	2mm
DC 3-Wire NPN NC	XN2-F12N02E2			
DC 3-Wire PNP NO	XN2-F12P02E1			



IEC IP67

Pre-wired 2M Cable / Stainless-Steel

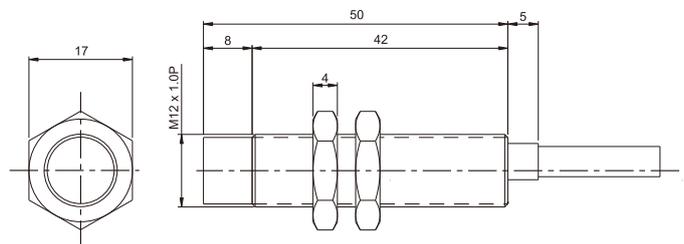
Switching Output	Model Number	Operating Voltage	Response Frequency	Sensing Distance
DC 3-Wire NPN NO	XN2-F18N05E1	12~24VDC±10%	500Hz	5mm
DC 3-Wire NPN NC	XN2-F18N05E2			
DC 3-Wire PNP NO	XN2-F18P05E1			



Pre-wired 2M Cable / Stainless-Steel

Switching Output	Model Number	Operating Voltage	Response Frequency	Sensing Distance
DC 3-Wire NPN NO	XN2-F30N10E1	12~24VDC±10%	250Hz	10mm
DC 3-Wire NPN NC	XN2-F30N10E2			
DC 3-Wire PNP NO	XN2-F30P10E1			

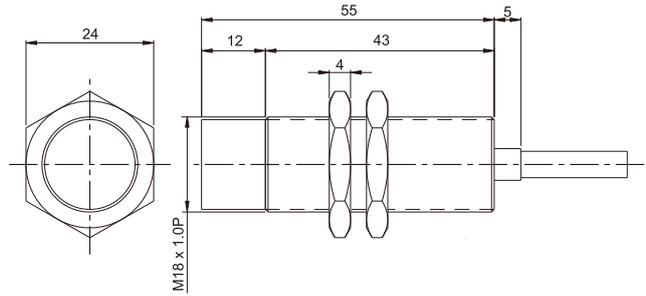
Item	Specifications
Standard sensing object	Aluminum, 12×12×1 mm (XN2-F12 Mode) Aluminum, 18×18×1 mm (XN2-F18 Mode) Aluminum, 30×30×1 mm (XN2-F30 Mode)
Installation	Shielded
Load current	≤ 200mA
Operation indicator	Yellow LED
Circuits protection	Short circuit protection
Ambient temperature & humidity range	Operating : -20 ~ 70°C / RH 35 ~85% (with no icing or condensation)



IEC IP67

Pre-wired 2M Cable / Stainless-Steel

Switching Output	Model Number	Operating Voltage	Response Frequency	Sensing Distance
DC 3-Wire NPN NO	XN2-N12N04E1	12~24VDC±10%	500Hz	4mm
DC 3-Wire NPN NC	XN2-N12N04E2			
DC 3-Wire PNP NO	XN2-N12P04E1			



IEC IP67

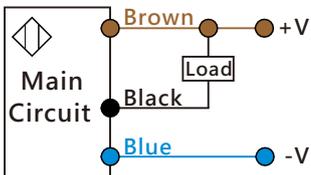
Pre-wired 2M Cable / Stainless-Steel

Switching Output	Model Number	Operating Voltage	Response Frequency	Sensing Distance
DC 3-Wire NPN NO	XN2-N18N08E1	12~24VDC±10%	300Hz	8mm
DC 3-Wire NPN NC	XN2-N18N08E2			
DC 3-Wire PNP NO	XN2-N18P08E1			

Item	Specifications
Standard sensing object	Aluminum, 16×16×1 mm (XN2-N12 Mode) Aluminum, 24×24×1 mm (XN2-N18 Mode)
Installation	Unshielded
Load current	≤200mA
Operation indicator	Yellow LED
Circuits protection	Short circuit protection
Ambient temperature & humidity range	Operating : -20 ~ 70°C / RH 35 ~85% (with no icing or condensation)

Wiring Diagram

DC-3wire
NPN NO/NC Type



DC-3wire
PNP NO Type

