



ORDER INFORMATION

TM-12 [Code 1] [Code 2] - [Code 3]

Code1	Detecting Distance
02	2 mm
04	4 mm

Code2	Output Type
NO	NPN Normal Open
NC	NPN Normal Close
PO	PNP Normal Open
PC	PNP Normal Close
AO	AC Normal Open
AC	AC Normal Close

Code3	Wire Type
Empty	2 M Wire
C	M12 Connector
P	Plug Socket
O	Option

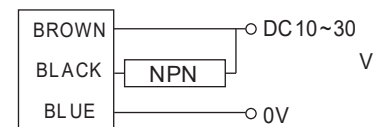
- PBT material and brass nickel plated housing
- Plug socket optional, easily installation
- Detecting distance: 2 mm / 4 mm

SPECIFICATION

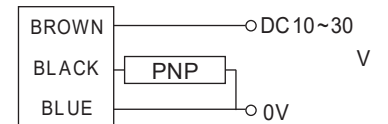
- ◆ Max. Detecting Distance: 1202: 2 mm $\pm 10\%$ / 1204: 4 mm $\pm 10\%$
- ◆ Stable Detecting Distance: 1202: 0~1.6 mm / 1204: 0~3.2 mm
- ◆ Standard Detecting Object: Iron 12 x 12 x 1t
- ◆ Hysteresis: 15% of operating distance
- ◆ Repetitive Accuracy: $\pm 10\%$
- ◆ Circuit Protection: Polarity circuit protection
- ◆ Power Supply: DC 10~40V; AC 24~240V
- ◆ Load Current: 150 mA max.
- ◆ Response Frequency: 800 Hz; 30 Hz (AC power)
- ◆ Operating Indicator: Red LED
- ◆ IP Protection: IP67
- ◆ Vibration Resistance: 10~55Hz, 1.5mm X,Y,Z for 2 hours
- ◆ Shock Resistance: 500m/s (50g), X,Y,Z for 3 times
- ◆ Operating Temperature: -25~70°C
- ◆ Operating Humidity: 35~80% RH (non-condensing)
- ◆ Storage Temperature: -30~80°C
- ◆ Storage Humidity: 35~95% RH (non-condensing)
- ◆ Housing Material: PBT material & brass nickel plated
- ◆ Wire Material: PVC cable, 2 M wire length
- ◆ Weight: About 90g

WIRING CONNECTION

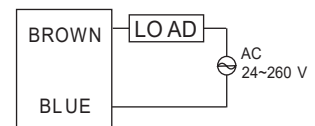
● NPN Output



● PNP Output

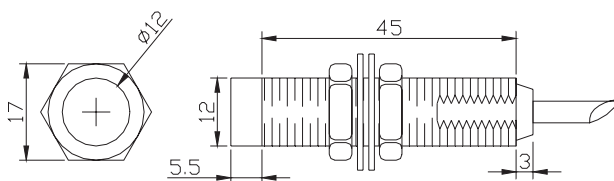


● AC Power

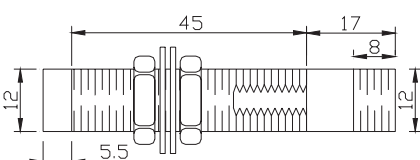


DIMENSION

● Directly Wire



● M12 Connector



● Plug Socket

