

NAMUR INDUCTIVE PROXIMITY SENSOR (6-12VDC)

Diameter
● Shielded ○ non-Shielded
Switching Distance, Sn: mm
Housing Material
● With LED ○ Without LED

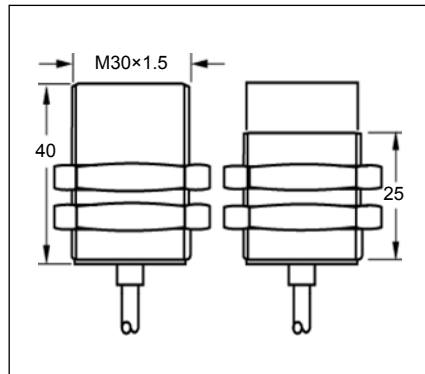
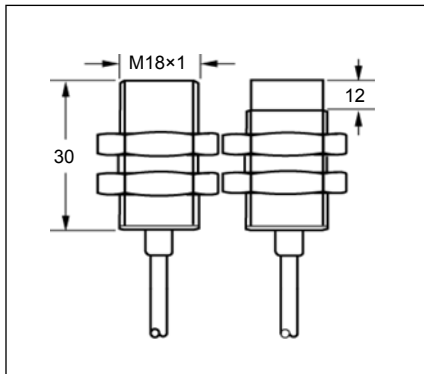
M18	
●	○
5 mm	8 mm
Nickel plated brass	
○	

M30	
●	○
10 mm	15 mm
Nickel plated brass	
○	

Picture



Dimensions (unit: mm)



Ripple
No Load Current
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Overload Trip Point
Time Delay Before Availability
EMC
Shock / Vibration
Material Active Face

-
>2.2mA(OFF) <1.1mA(ON)
2KHz 1KHz
0.2ms/0.2ms 0.5ms/0.5ms
<15%(Sr)
-
IP67
-25°C- +70°C
<2%(Sr)
-
-
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2, Part7.4.1 / IEC 60947-5-2, Part 7.4.2
PBT

-
>2.2mA(OFF) <1.1mA(ON)
2KHz 1KHz
0.5ms/0.5ms 1ms/1ms
<15%(Sr)
-
IP67
-25°C- +70°C
<2%(Sr)
-
-
<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2, Part7.4.1 / IEC 60947-5-2, Part 7.4.2
PBT

Connecting type
Weight

2M Cable (5.0 φ 2x0.5)
approx. 125 g

2M Cable (5.0 φ 2x0.5)
approx. 180 g

NAMUR 6-12VDC

IBS-M1805R-6VN2	19*	IBN-M1808R-6VN2

IBS-M3010R-6VN2	19*	IBN-M3015R-6VN2

* Wiring diagram number. Please see the relevant wiring diagram shown on Page 013 to Page 015.