

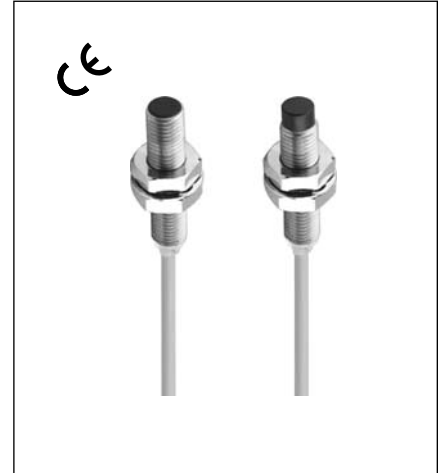
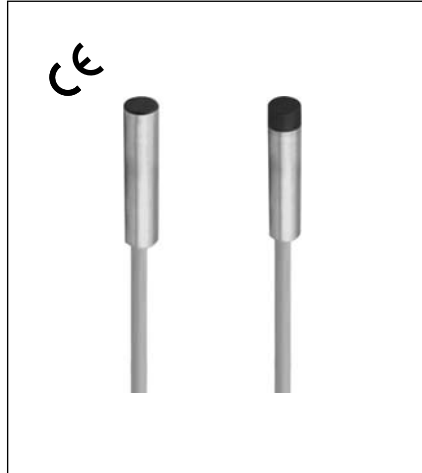
NAMUR INDUCTIVE PROXIMITY SENSOR (6-12VDC)

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

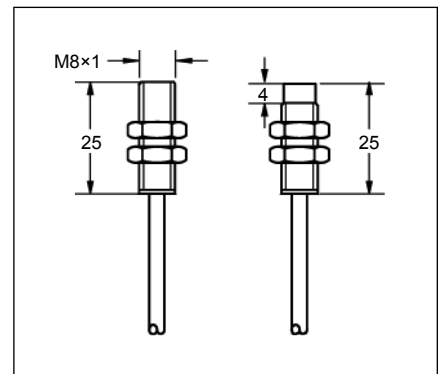
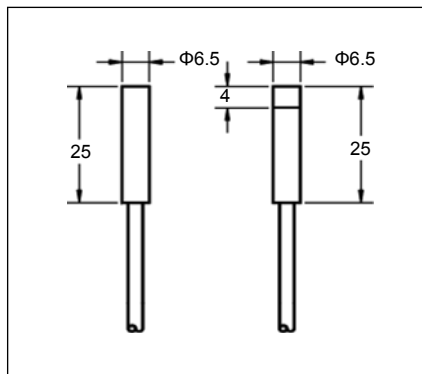
∅ 6.5	
●	○
1 mm	2 mm
Stainless steel	
○	

M8	
●	○
1 mm	2 mm
Stainless steel or Nickel plated brass	
○	

Picture



Dimensions (unit: mm)



Ripple	-
No Load Current	>2.2mA(OFF) <1.1mA(ON)
Switching Frequency	2KHz 1KHz
Response Time	0.05ms/0.05ms 0.1ms/0.1ms
Switching Hysteresis	<15%(Sr)
Repeat Accuracy	-
Protection Category	IP67
Operating Temperature	-25°C- +70°C
Temperature Drift	<2%(Sr)
Short Circuit Protection	-
Overload Trip Point	-
Time Delay Before Availability	<10ms
EMC	RFI>3V/m / EFT>1KV / ESD>4KV (contact)
Shock / Vibration	IEC 60947-5-2, Part7.4.1 / IEC 60947-5-2, Part 7.4.2
Material Active Face	POM

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Repeat Accuracy	-
Protection Category	IP67
Operating Temperature	-25°C- +70°C
Temperature Drift	<2%(Sr)
Short Circuit Protection	-
Overload Trip Point	-
Time Delay Before Availability	<10ms
EMC	RFI>3V/m / EFT>1KV / ESD>4KV (contact)
Shock / Vibration	IEC 60947-5-2, Part7.4.1 / IEC 60947-5-2, Part 7.4.2
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Connecting type	2M Cable (2.9 ∅ 2x0.15)
Weight	approx.30 g

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Weight	approx.34 g

NAMUR 6-12VDC

ISS-S6.501R-6VN2	19*	ISN-S6.502R-6VN2

IBS-M801R-6VN2	19*	IBN-M802R-6VN2

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