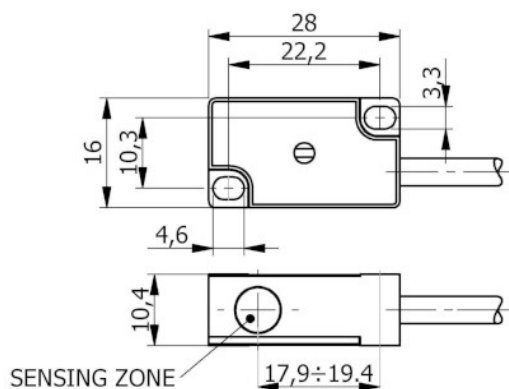


Part number: **SIP000141** Model: **SIP10-N2**



Dimension in mm

1. TECHNICAL CHARACTERISTICS



Electrical data

Power supply type:	Direct current
Working voltage: [V]	5 ÷ 30
Current consumption: [mA]	On <= 1 mA - Off >= 3 mA @ 8.2V
Protection class:	III
Reverse polarity protection:	Presente

Outputs

Electrical design:	Namur
Max switching frequency: [Hz]	1000

Detection zone

Switching distance-Sn: [mm]	2
Real sensing distance-Sr: [mm]	2 ±10%
Operative distance-So: [mm]	0 ÷ 1.62

Accuracy and Deviations

Correction factor:	Stainless steel: 0.9 - Brass: 0.5 - Aluminium: 0.4 - Copper: 0.4
Switching point drift: [%Sr]	-1
Repeatability: [%Sn]	< 3

Environmental conditions

Temperature limits: [°C]	-25°C ÷ +70°C
IP rating:	IP65-IP66-IP67

Mechanical data

Housing:	Parallelepiped
Dimensions: [mm]	10.5 x 28 x 16
Materials:	Housing: PA66+Fiberglass - Sensing area: POM red
Mounting:	Embeddable
Weight: [g]	50

Electrical connection

Cable:	3 m - PVC/PVC - 2 x 0.25 mm ²
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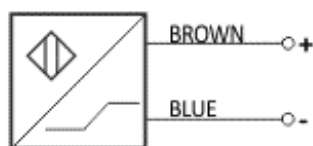
Compliance to Standards / Directives

Directives compliance:	2014/30/EU - Electromagnetic compatibility directive (EMC)
Standards compliance:	EN60947-5-6 - Product standard

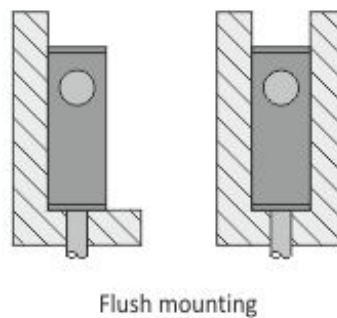
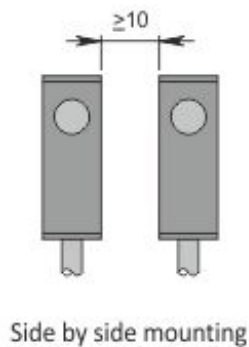
2. NORME DI INSTALLAZIONE

WIRING DIAGRAM

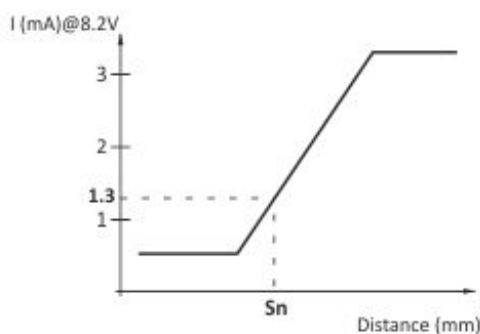
2 WIRES CABLE



INSTRUCTIONS FOR CORRECT INSTALLATION



Titolo img 1



The NAMUR inductive sensors are electronic devices whose absorbed current varies in the presence of a metallic target.

