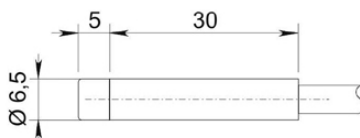


Part number: **I65000061** Model: **SI6.5-NE2**



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] 2000

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:	Smooth cylindrical
Dimensions:	[mm] Ø 6.5 - L=32.5
Materials:	Housing: Nickel-plated brass - Sensing area: POM red
Mounting:	Not embeddable
Weight:	[g] 50

Electrical connection

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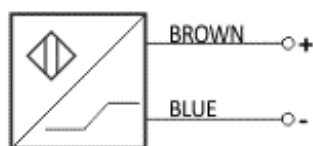
Compliance to Standards / Directives

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

2. NORME DI INSTALLAZIONE

WIRING DIAGRAM

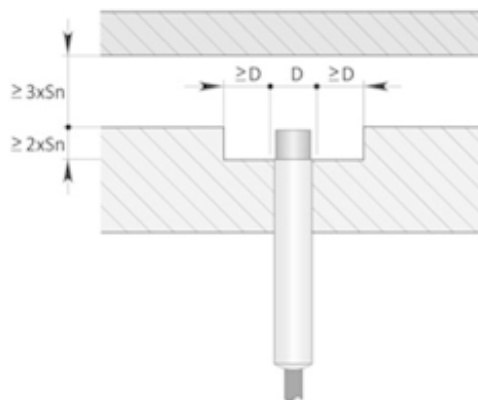
2 WIRES CABLE



INSTRUCTIONS FOR CORRECT INSTALLATION

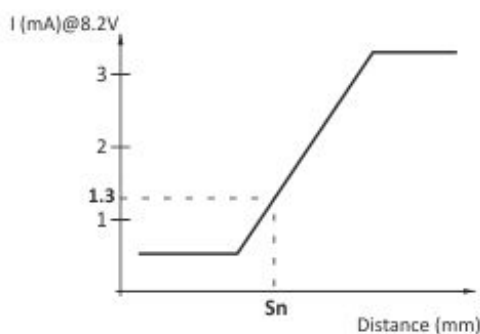


Side by side mounting



Non flush mounting

Titolo img 1



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

