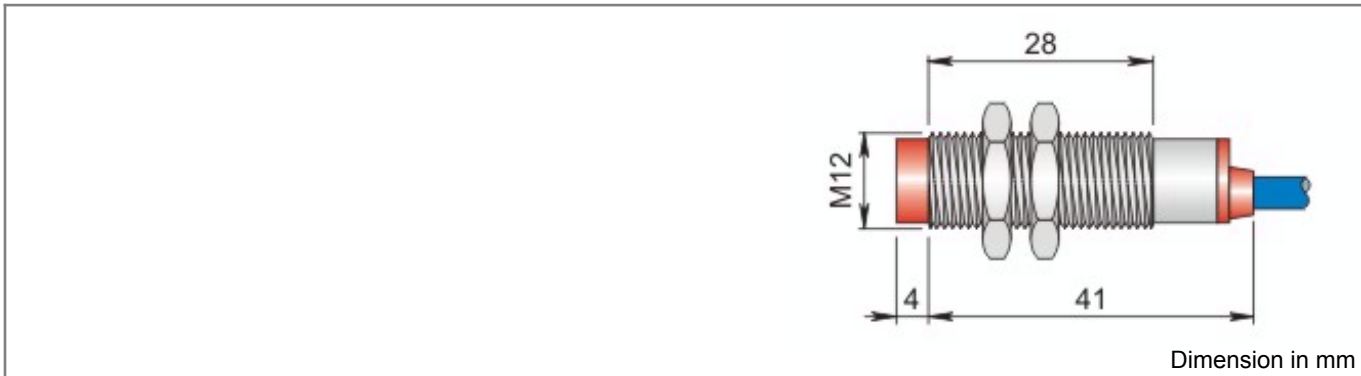




Part number: I12000161 - Model: SI12-NE4



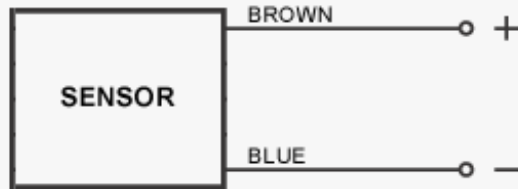
| TECHNICAL CHARACTERISTICS | |
|----------------------------------|----------------------------------|
| Power supply: | Direct current |
| Working voltage: | 5 ÷ 30 Vdc |
| Switching distance (mm): | 4 |
| Max switching frequency: | 2000 Hz |
| Repeatability (%Sn): | < = 3 |
| Absorption: | On < = 1 mA - Off >= 3 mA @ 8.2V |
| Temperature limits: | -25 ÷ +70 °C |
| IP rating: | IP 67 |
| Housing material: | Nickelled brass |
| Mechanical characteristics: | M12x1 |
| Connection type: | Cable 3 m |
| Cable type: | 2x0.25 PVC |
| Weigth: | 70 g |



Part number: I12000161 - Model: SI12-NE4

WIRING DIAGRAM

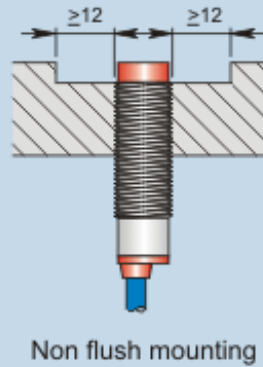
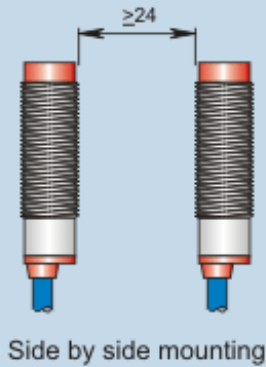
2 WIRES CABLE



INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

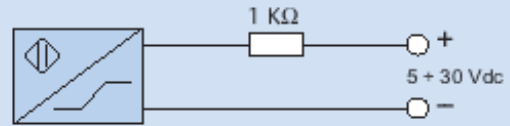
NOT EMBEDDABLE



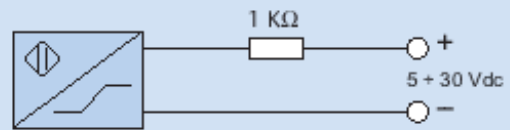
WORKING PRINCIPLE



In presence of metal $I \leq 1 \text{ mA @ } 8.2 \text{ V}$



In absence of metal $I \geq 3 \text{ mA @ } 8.2 \text{ V}$



The NAMUR sensors are electronic devices whose absorbed current varies in the presence of a metallic object. The difference between these sensors and traditional sensors is the absence of amplifier trigger stages.