



**Part number: I08000108 - Model: SI8-NE2**



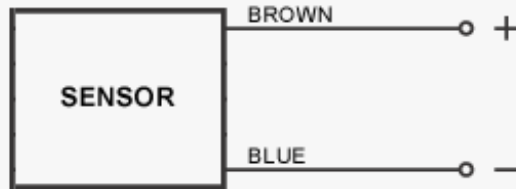
<b>TECHNICAL CHARACTERISTICS</b>	
Power supply:	Direct current
Working voltage:	5 ÷ 30 Vdc
Switching distance (mm):	2
Max switching frequency:	2000 Hz
Repeatability (%Sn):	< = 3
Absorption:	On < = 1 mA - Off >= 3 mA @ 8.2V
Temperature limits:	-25 ÷ +70 °C
IP rating:	IP 67
Housing material:	Nickelled brass
Mechanical characteristics:	M8x1
Connection type:	Cable 3 m
Cable type:	2x0.25 PVC
Weigth:	65 g



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## WIRING DIAGRAM

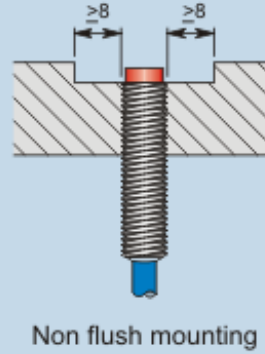
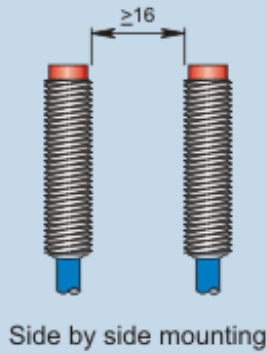
### 2 WIRES CABLE



## INSTRUCTIONS FOR CORRECT INSTALLATION

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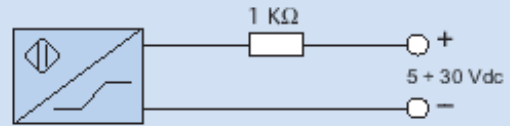
#### NOT EMBEDDABLE



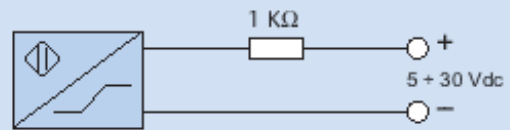
## WORKING PRINCIPLE



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.