

**Part number: I30000123 - Model: SI30-N10 H**



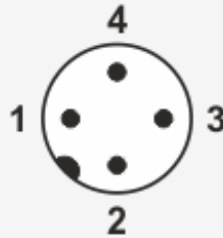
<b>TECHNICAL CHARACTERISTICS</b>	
Power supply:	Direct current
Working voltage:	5 ÷ 30 Vdc
Switching distance (mm):	10
Max switching frequency:	500 Hz
Repeatability (%Sn):	< = 3
Absorption:	On < = 1 mA - Off >= 3 mA @ 8.2V
Temperature limits:	-25 ÷ +70 °C
IP rating:	Depending on connector
Housing material:	Nickelled brass
Mechanical characteristics:	M30x1.5
Connection type:	H plug
Weigth:	120 g



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## WIRING DIAGRAM

### CONNECTION WITH H PLUG



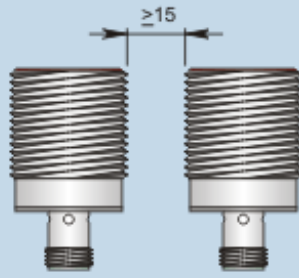
VIEW OF MALE CONNECTOR

1 = Brown / +  
2 = Blue / -

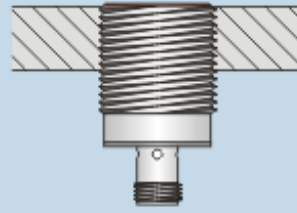
## INSTRUCTIONS FOR CORRECT INSTALLATION

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#### EMBEDDABLE

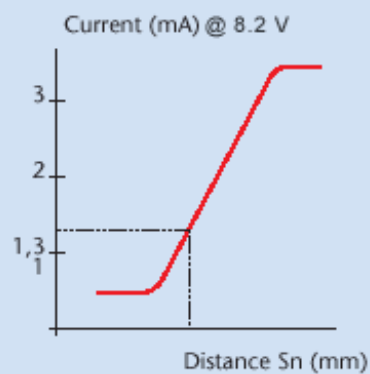


Side by side mounting



Flush mounting

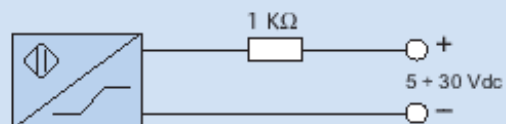
## WORKING PRINCIPLE



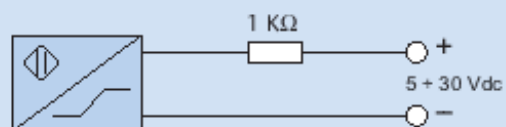
Metallic plate



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.