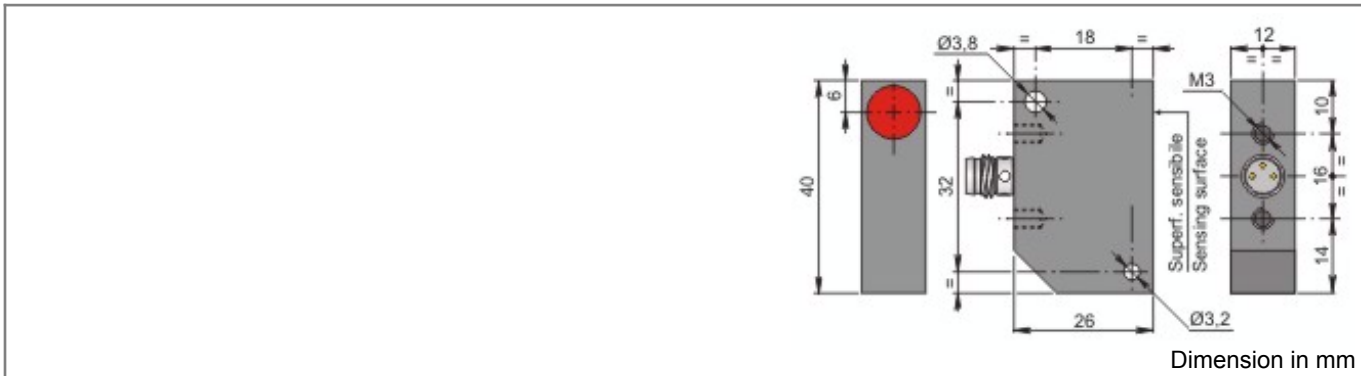




**Part number: SIP000134 - Model: SIP12-N2 H1**



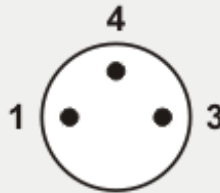
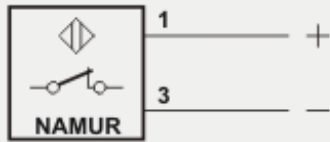
<b>TECHNICAL CHARACTERISTICS</b>	
Power supply:	Direct current
Working voltage:	5 ÷ 30 Vdc
Switching distance (mm):	2
Max switching frequency:	2000 Hz
Repeatability (%Sn):	< = 3
Absorption:	On < = 1 mA - Off > = 3 mA @ 8.2V
Temperature limits:	-25 ÷ +70 °C
IP rating:	Depending on connector
Housing material:	Plastic
Mechanical characteristics:	SIP 12x40x26
Connection type:	H1 plug
Weigth:	30 g



Part number: SIP000134 - Model: SIP12-N2 H1

## WIRING DIAGRAM

### CONNECTION WITH H1 PLUG



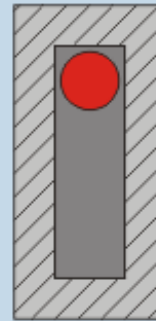
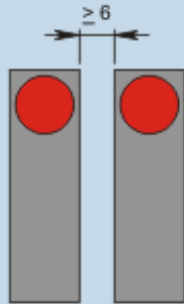
VIEW OF MALE CONNECTOR

1 = Brown / +  
3 = Blue / -

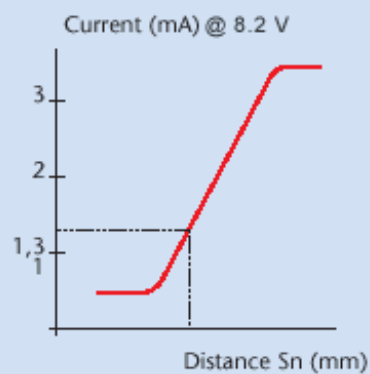
## INSTRUCTIONS FOR CORRECT INSTALLATION

### INSTRUCTIONS FOR CORRECT INSTALLATION

Type SIP12-N2



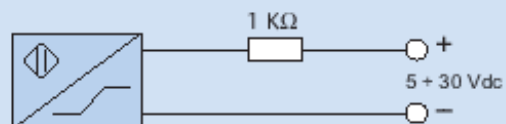
## WORKING PRINCIPLE



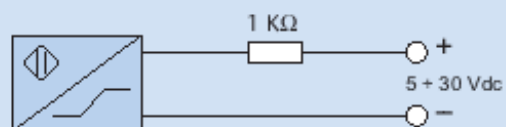
Metallic plate



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.