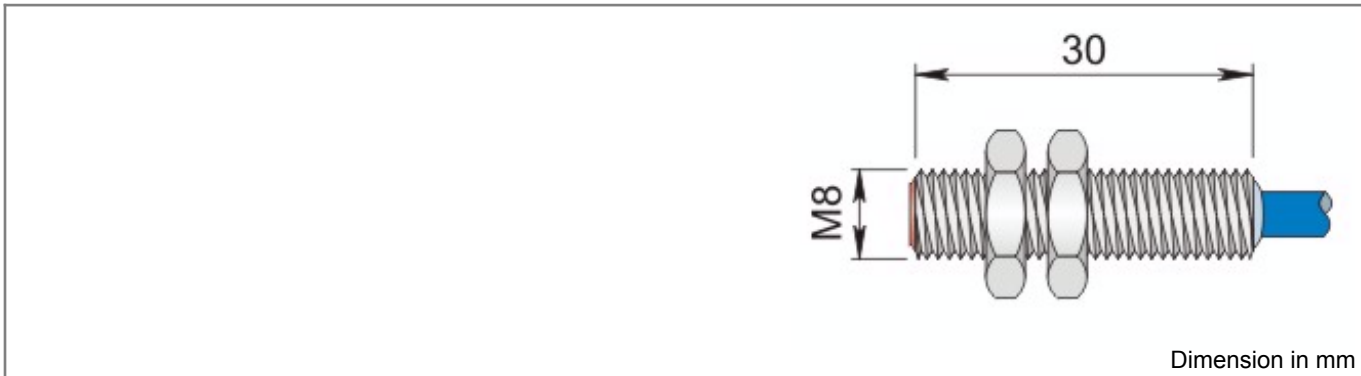




**Part number: I08000101 - Model: SI8-N1**



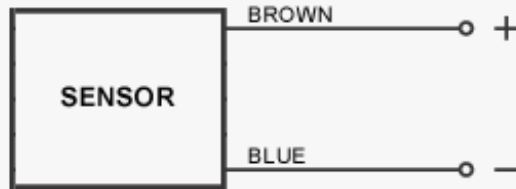
<b>TECHNICAL CHARACTERISTICS</b>	
Power supply:	Direct current
Working voltage:	5 ÷ 30 Vdc
Switching distance (mm):	1
Max switching frequency:	2000 Hz
Repeatability (%Sn):	< = 3
Absorption:	On < = 1 mA - Off >= 3 mA @ 8.2V
Temperature limits:	-25 ÷ +70 °C
IP rating:	IP 67
Housing material:	Nickelled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



Part number: I08000101 - Model: SI8-N1

## WIRING DIAGRAM

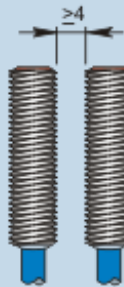
### 2 WIRES CABLE



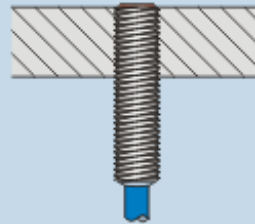
## INSTRUCTIONS FOR CORRECT INSTALLATION

### INSTRUCTIONS FOR CORRECT INSTALLATION

#### EMBEDDABLE



Side by side mounting



Flush mounting

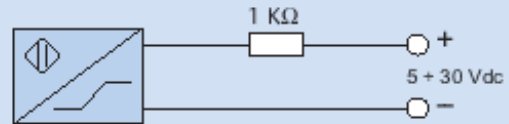
## WORKING PRINCIPLE



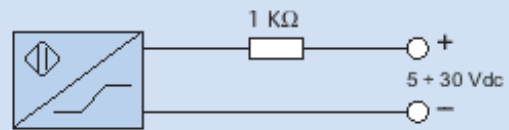
Metallic plate



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.