



Part number: I18000143 - Model: SI18-NE8



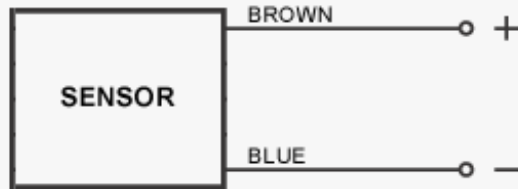
TECHNICAL CHARACTERISTICS	
Power supply:	Direct current
Working voltage:	5 ÷ 30 Vdc
Switching distance (mm):	8
Max switching frequency:	1000 Hz
Repeatability (%Sn):	< = 3
Absorption:	On < = 1 mA - Off > = 3 mA @ 8.2V
Temperature limits:	-25 ÷ +70 °C
IP rating:	IP 67
Housing material:	Nickelled brass
Mechanical characteristics:	M18x1
Connection type:	Cable 3 m
Cable type:	2x0.50 PVC
Weigth:	115 g



Part number: I18000143 - Model: SI18-NE8

WIRING DIAGRAM

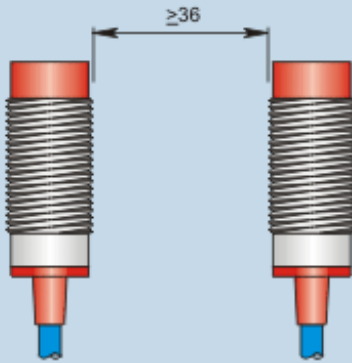
2 WIRES CABLE



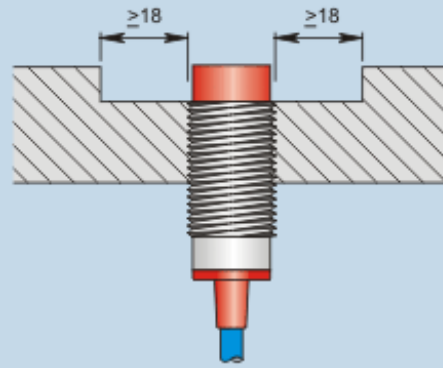
INSTRUCTIONS FOR CORRECT INSTALLATION

INSTRUCTIONS FOR CORRECT INSTALLATION

NOT EMBEDDABLE



Side by side mounting



Non flush mounting

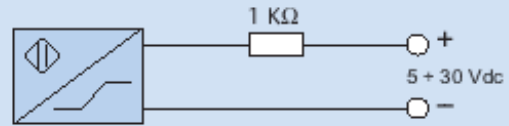
WORKING PRINCIPLE



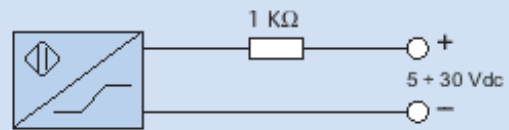
Metallic plate



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.