

# M8 8mm NAMUR High Temperature Inductive 1.5mm range (-25--+125C)



M8 8mm NAMUR High Temperature  
Miniature Inductive Proximity Sensor

1.5 mm shielded range

-25--+125C

2 wire 5-30VDC

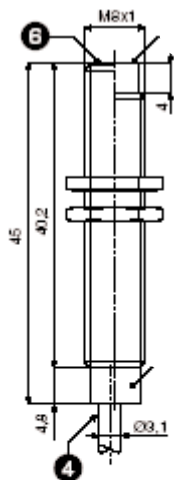
miniaturized body design

2 meter standard integrated cable

IP68 protection degree

protection from electrical damages

stainless steel housing

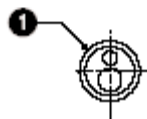


1  
4  
6

M1 axial cable

M1 cable 3x0.055mm, 3.1mm diameter, PUR, 2m

Shielded version



## Parts Matrix

## PARTS INDEX

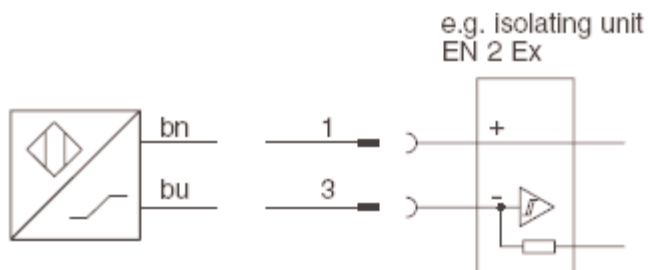
## SPECIFICATIONS

inductive sensor series	X
M8 8mm diameter body	08
NAMUR-High Temperature standard ranges	V
stainless steel	S
2 wire device	2
PNP/NPN output	O
NC normally closed	2
shielded	S
2m standard integrated cable	M1
range (mm)	1.5mm
load current	100mA

X08NS2O2SM1

PNP/NPN NC SHIEDLED M1

**Wiring Diagram**



**TECHNICAL SPECIFICATIONS**

Nominal Sensing Distance $S_n$	1.5mm
Supply Voltage NAMUR	7.7-9VDC
Operating Voltage $U_b$	5-30VDC
Ripple $U_{pp}$	<10% $U_b$
Internal Capacitance	<180nF
Internal Inductance	<100uH
Output Type	NAMUR PNP/NPN NC
Switching Frequency	5KHz
Time Delay Before Availability $t_v$	10ms
Power Consumption attenuated	<1.0mA
Power Consumption unattenuated	<2.2mA
Ambient Temperature $T_a$	-25--+125C
Temperature Drift	+/- 10% SR
Protection Degree (DIN 40 050)	IEC IP67
LED Indicators	NA
Housing Material	stainless steel
Sensing Face Material	PBT
Tightening Torque	2Nm