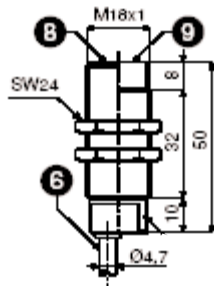


**M18 18mm NAMUR Miniature Inductive
5mm range -25--+125C high temperature**



- 6 Cable
- 8 Shielded
- 9 Unshielded

M18 18mm NAMUR
Miniature Inductive Proximity Sensor
-25--+125C High Temperature

5 mm shielded range

2 wire 5-30VDC

miniaturized body design

2 meter standard integrated cable

IP68 protection degree

protection from electrical damages

NBT nickel plated brass housing

Parts Matrix

PARTS INDEX

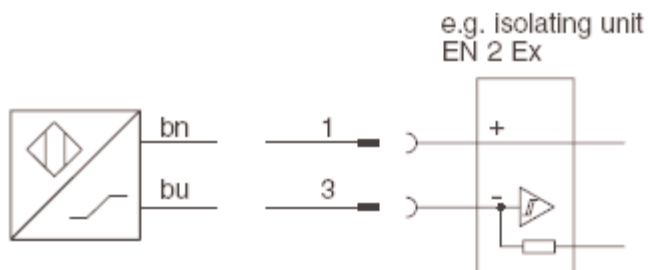
SPECIFICATIONS

inductive sensor series	X
M18 18mm diameter body	18
NAMUR-high temperature -25--+125C	V
NBT nickel plated brass	B
2 wire device	2
PNP/NPN output	O
NC normally closed	2
shielded	S
2m standard integrated cable	M1
range (mm)	5mm

X18NB2O2SM1B

PNP/NPN NC SHIEDLED M1

Wiring Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance S_n	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	1KHz
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 IP68
LED Indicators	NA
Housing Material	NBT
Sensing Face Material	PBT