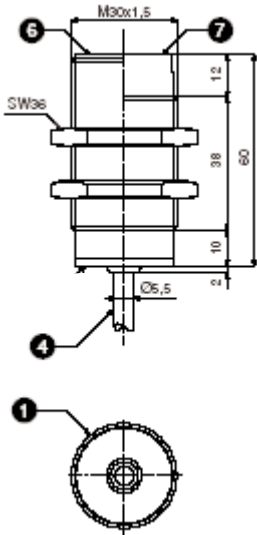


# M30 30mm NAMUR Inductive Sensor 10mm/15mm ranges Plastic Body



- 1 Cable
- 4 M1 cable 3x0.055mm, 3.1mm
- 6 shielded

M30 30mm Plastic Body Inductive Proximity Sensor NAMUR 10 mm shielded range 15 mm unshielded 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

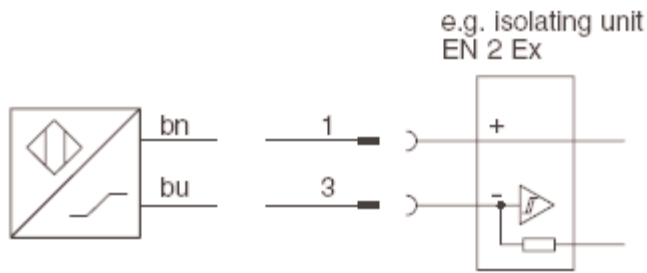


PARTS INDEX	SPECIFICATIONS
X30NP2O2SM1B	PNP/NPN NC SHIELDED M1
X30NP2O2UM1B	PNP/NPN NC UNSHIELDED M1

## Parts Matrix

inductive sensor series	X	X
M30 30mm diameter body	30	30
NAMUR harsh duty-standard ranges	N	N
plastic	P	P
2 wire device 5-30VDC	2	2
PNP/NPN output	O	O
NC normally closed (only)	2	
shielded	S	
unshielded		U
2m standard integrated cable	M1	
range (mm)	10	15

Wiring Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance $S_n$	10mm	15mm
Supply Voltage NAMUR	7.7-9VDC	7.7-9VDC
Operating Voltage $U_b$	5-30VDC	5-30VDC
Ripple $U_{pp}$	<10% $U_b$	<10% $U_b$
Internal Capacitance	<180nF	<180nF
Internal Inductance	<100uH	<100uH
Output Type	NAMUR PNP/NPN NC	NAMUR PNP/NPN NC
Switching Frequency	300Hz	200Hz
Time Delay Before Availability $t_v$	10ms	10ms
Power Consumption attenuated	<1.0mA	<1.0mA
Power Consumption unattenuated	<2.2mA	<2.2mA
Ambient Temperature $T_a$	-25--+70C	-25--+70C
Temperature Drift	+/- 10% SR	+/- 10% SR
Protection Degree (DIN 40 050)	IEC IP68	IEC IP68
Housing Material	plastic	plastic
Sensing Face Material	PBT	PBT