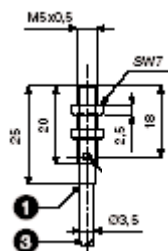


M65 6.5mm NAMUR High Temperature Inductive 1.5 mm range (-25 -- +110C)



- 1 M1 axial cable
- 3 M1 cable 3x0.055mm, 2.6mm diameter, PUR, 2m

M65 6.5mm NAMUR
High Temperature
Inductive Proximity Sensor

1.5 mm shielded range

2 wire 5-30VDC

miniaturized body design

2 meter standard integrated cable

IP68 protection degree

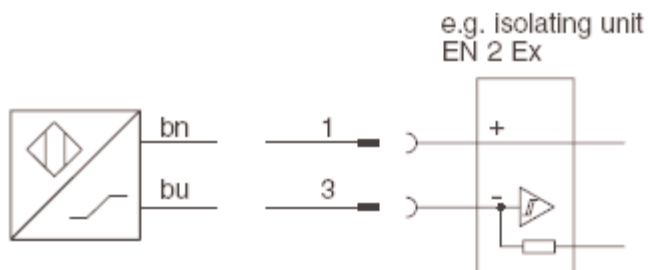
protection from electrical damages

stainless steel housing

Parts Matrix

| | | | |
|--|--------|-------------|------------------------|
| inductive sensor series | X | X65VS2O2SM1 | PNP/NPN NC shielded M1 |
| M65 6.5mm diameter body | 65 | | |
| high temperature standard diameter-NAMUR | V | | |
| stainless steel | S | | |
| 2 wire device | 2 | | |
| PNP/NPN output | O | | |
| NC normally closed (only) shielded | 2 S | | |
| 2m standard integrated cable | M1 | | |
| range (mm) | 1.5 mm | | |

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 | 4KHz |
| Time Delay Before Availability t_v | 10ms |
| Power Consumption attenuated | <1.0mA |
| Power Consumption unattenuated | <2.2mA |
| Ambient Temperature T_a | -25--+110C |
| Temperature Drift | +/- 10% SR |
| Protection Degree (DIN 40 050) | IEC IP68 |
| LED Indicators | NA |
| Housing Material | stainless steel |
| Sensing Face Material | PBT |
| Tightening Torque | 2Nm |
| | |