FEATURES

- DC 3-wire PNP sensor
- IP 67 rugged plastic housing
- Hermetically sealed

Vibration, shock and corrosion resistant
Compact design
High visibility LED for power and switch status

TECHNICAL DATA

General specifications
- Switching function: 2 x normally open (NO)
- Output type: PNP, 3-wire
- Rated operating distance: sns = 3 mm
- Installation: Flush mountable
- Output polarity: DC
- Assured operating distance: ssa = 0 ... 2.43 mm
- Actual operating distance: ssa = 2.7 ... 3.3 mm typ.

Nominal ratings
- Operating voltage: Ub = 10 ... 30 V DC
- Switching frequency: f = 0 ... 500 Hz
- Hysteresis: H = Typ 5%
- Reverse polarity protection: All connections
- Short-circuit protection: Pulsing
- Voltage drop: Ud ≤ 3 V
- Operating current: Ie = 0 ... 100 mA
- Off-state current: Is = 0 ... 0.5 mA typ. 0.1 μA at 25 °C
- No-load supply current: Is ≤ 25 mA
- Operating voltage indicator: LED, green
- Switching state indicator: LED, yellow

Functional safety related parameters
- MTTFd = 780 a
- Mission Time (TM) = 20 a
- Diagnostic Coverage (DC) = 0%

Ambient conditions
- Ambient temperature: Ta = -25 ... 70 °C (-13 ... 158 °F)

Mechanical specifications
- Connection (system side): 4-pin, M12 x 1 connector
- Housing material: PBT
- Sensing face material: PBT
- Degree of protection: IP67

Standard conformity
- Approvals and certificates: UL approval cULus listed, general purpose

Activators sold separately

Activators sold separately
ACTIVATOR AND MOUNTING KITS

30 x 80 mm NAMUR Mounting, adjustable

<table>
<thead>
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<tr>
<td>54063A-14800536</td>
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30 x 130 mm NAMUR Mounting, adjustable

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30 x 80 mm NAMUR Mounting, adjustable, High Visibility

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WIRING DIAGRAM

CONNECTOR PINOUT

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<tbody>
<tr>
<td>1</td>
<td>L+</td>
</tr>
<tr>
<td>2</td>
<td>L-</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
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Wire colors in accordance with EN 60947-5-2

- BN (brown)
- WH (white)
- BU (blue)
- BK (black)

ACCESSORIES

090005-76145882 | Sensor Cordset - M12 female straight connector (4-pin) to flying leads, 5 meters, zinc
090004-76145534 | Sensor Cordset - M12 female straight connector (4-pin) to flying leads, 5 meters, stainless steel
600250-23663536 | Y-Connector Cordset (S62, S63) - M12 female straight connector (4-pin sensor side) to M12 male straight connector (5-pin system side) AND Form B Type I solenoid connector (DIN 43650)
600250-23666536 | Y-Connector Cordset (S60) - M12 female straight connector (4-pin sensor side) to M12 male straight connector (5-pin system side) AND Form A solenoid connector (DIN 43650)
630250-21524536 | Series 63 - Solenoid Valve, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 24vdc coil
621250-21524536 | Series 62 - Solenoid Valve, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 24vdc coil