**SENSOR FEATURES**

- AC/DC sensor
- IP67 rugged plastic housing
- Hermetically sealed
- Vibration, shock and corrosion resistant
- Compact design
- High visibility LED for power and switch status
- Quick installation

**TECHNICAL DATA**

### General specifications
- Switching function: 2 x normally open (NO)
- Output type: Two-wire
- Rated operating distance: \( s_n \) 3 mm
- Installation: Flush mountable
- Output polarity: AC/DC
- Assured operating distance: \( s_a \) 0 ... 2.43 mm
- Output type: 4-wire

### Nominal ratings
- Operating voltage: \( U_B \) 20 ... 250 V AC/DC
- Switching frequency: \( f \) 25 Hz
- Hysteresis: \( H \) Typ. 3 %
- Reverse polarity protection: Yes
- Short-circuit protection: Yes
- Voltage drop: \( U_d \) \( \leq \) 8 V
- Operating current: \( I_L \) 4 ... 400 mA
- Off-state current: \( I_{OL} \) \( \leq \) 1.7 mA
- Operating voltage indicator: LED, green
- Switching state indicator: LED, yellow

### Ambient conditions
- Ambient temperature: \( T_A \) -25 ... +70°C (-13 ... +158°F)
- Storage temperature: -40 ... +100°C (-40 ... +212°F)

### Mechanical specifications
- Connection (system side): V95 connector (7/8"-16 UN 2A), 5-pin
- Housing material: PBT
- Sensing face material: PBT
- Degree of protection: IP67
- Housing: PBT
- Mass: 90 g

### Standard conformity
- EN 60947-5-2/A1:2012
- IEC 60947-5-2:2007
- IEC 60947-5-2 AMD 12012

### Approvals and certificates
- Protection class: II
- Rated insulation voltage: \( U_i \) 253 V
- Rated impulse withstand voltage: \( U_{imp} \) 4 kV
- UL approval: cULus listed, general purpose
## ACTIVATOR AND MOUNTING KITS

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>EAN Code</th>
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</thead>
<tbody>
<tr>
<td>30 x 80 mm NAMUR Mounting, non adjustable</td>
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<tr>
<td>54063A-14850536</td>
<td>Fits Bray S92/93 Sizes 63 to 128 and Series 98 - Metric</td>
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## ACCESSORIES

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<tr>
<td>Sensor Cordset - 7/8&quot; female straight connector to flying leads, 5-pin, 4 meters</td>
<td>090004-76144534</td>
</tr>
<tr>
<td>Series 63 - Valve Solenoid, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 120V 50/60 Hz coil</td>
<td>630250-21520536</td>
</tr>
<tr>
<td>Series 63 - Valve Solenoid, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 240V 50/60 Hz coil</td>
<td>630250-21522536</td>
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<tr>
<td>Series 62 - Valve Solenoid, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 120V 50/60 Hz coil</td>
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## WIRING DIAGRAM

![Wiring Diagram](image)

## CONNECTOR PINOUT

![Connector Pinout](image)