### 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: $s_1 = 3\, \text{mm}$
- Installation: Flush mountable
- Output polarity: AC/DC
- Assured operating distance: $s_a = 0 \ldots 2.43\, \text{mm}$
- Output type: 4-wire

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

#### Ambient conditions
- Ambient temperature: $T_a = -25 \ldots 70\, \text{°C} (-13 \ldots 158\, \text{°F})$
- Storage temperature: $-40 \ldots 100\, \text{°C} (-40 \ldots 212\, \text{°F})$

#### 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
- Standards:
  - EN 60947-5-2:2007
  - EN 60947-5-2/A1:2012
  - IEC 60947-5-2
  - IEC 60947-5-2 AMD 1:2012

#### Approvals and certificates
- Protection class: II
- Rated insulation voltage: $U_i = 253\, \text{V}$
- Rated impulse withstand voltage: $U_{imp} = 4\, \text{kV}$
- UL approval: cULus listed, general purpose

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**DIMENSIONS**

**ACTIVATORS**

Activators sold separately
**ACTIVATOR AND MOUNTING KITS**

### 30 x 80 mm NAMUR Mounting, adjustable
- 54063A-14800536 Fits Bray S92/93 Sizes 63 to 128 - Imperial
- 54063A-14850536 Fits Bray S92/93 Sizes 63 to 128 and Series 98 - Metric

### 30 x 130 mm NAMUR Mounting, adjustable
- 54160A-14800536 Fits Bray S92/93 Sizes 160 to 210 - Imperial
- 54160A-14850536 Fits Bray S92/93 Sizes 160 to 255 - Metric

### 30 x 80 mm NAMUR Mounting, adjustable, High Visibility
- 54063C-14800536 Fits Bray S92/93 Sizes 63 to 128 - Imperial
- 54063C-14850536 Fits Bray S92/93 Sizes 63 to 128 and Series 98 - Metric

### 30 x 130 mm NAMUR Mounting, adjustable, High Visibility
- 54160C-14800536 Fits Bray S92/93 Size 160 - Imperial
- 54160C-14850536 Fits Bray S92/93 Size 160 - Metric
- 54210C-14800536 Fits Bray S92/93 Size 210 - Imperial
- 54210C-14850536 Fits Bray S92/93 Sizes 210 to 255 - Metric

**WIRING DIAGRAM**

**CONNECTOR PINOUT**

**ACCESSORIES**
- 090004-76144534 Sensor Cordset - 7/8” female straight connector (5-pin) to flying leads, 4 meters
- 090004-76153534* Sensor Cordset - 7/8” female straight connector (6-pin) to flying leads, 4 meters
- 630250-21520536 Series 63 - Solenoid Valve, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 120V 50/60 Hz coil
- 630250-21522536 Series 63 - Solenoid Valve, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 240V 50/60 Hz coil
- 621250-21520536 Series 62 - Solenoid Valve, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 120V 50/60 Hz coil
- 621250-21522536 Series 62 - Solenoid Valve, NAMUR mount 3/2 or 5/2, Form B connector (DIN 43560), IP65, single 240V 50/60 Hz coil
- 600250-23667536* Y-connector Cordset (S62/S63) - 7/8” female straight connector (5-pin sensor side) to 7/8” male straight connector (6-pin system side) and Form B Type I solenoid connector (DIN 43650)

*Order 6-pin cordset in addition to Y-connector cordset