



## Main

|                               |                                  |
|-------------------------------|----------------------------------|
| Size                          | 52 mm                            |
| [Sn] nominal sensing distance | 0.16 in (4 mm)                   |
| Electrical connection         | Cable                            |
| [Us] rated supply voltage     | 24...240 V AC/DC 50/60 Hz        |
| Switching capacity in mA      | 5...200 mA AC/DC                 |
| IP degree of protection       | IP68 double insulation IEC 60529 |

## Complementary

|                          |                              |
|--------------------------|------------------------------|
| Front material           | PPS                          |
| Status LED               | Output state 1 LED yellow)   |
| Supply voltage limits    | 20...264 V AC/DC             |
| Maximum residual current | 0.6 mA open state            |
| Switching frequency      | <= 25 Hz AC<br><= 3000 Hz DC |
| Maximum voltage drop     | <5.5 V closed)               |
| Marking                  | CE                           |
| Threaded length          | 1.65 in (42 mm)              |
| Length                   | 2.05 in (52 mm)              |

## Environment

|                        |                                         |
|------------------------|-----------------------------------------|
| Product certifications | CSA<br>Ecolab<br>UL                     |
| Vibration resistance   | 25 gn +/- 2 mm 10...55 Hz)IEC 60068-2-6 |
| Shock resistance       | 50 gn 11 ms IEC 60068-2-27              |

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 00785901314400             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.18 lb(US) (0.08 kg)      |
| Returnability         | Yes                        |
| Country of origin     | FR                         |

## Packing Units

|                              |                  |
|------------------------------|------------------|
| Unit Type of Package 1       | PCE              |
| Package 1 Height             | 1.65 in (4.2 cm) |
| Package 1 width              | 3.78 in (9.6 cm) |
| Package 1 Length             | 5.12 in (13 cm)  |
| Unit Type of Package 2       | BAG              |
| Number of Units in Package 2 | 1                |

|                              |                       |
|------------------------------|-----------------------|
| Package 2 Weight             | 2.82 oz (80 g)        |
| Package 2 Height             | 0.79 in (2 cm)        |
| Package 2 width              | 7.87 in (20 cm)       |
| Package 2 Length             | 5.91 in (15 cm)       |
| Unit Type of Package 3       | S03                   |
| Number of Units in Package 3 | 44                    |
| Package 3 Weight             | 8.84 lb(US) (4.01 kg) |
| Package 3 Height             | 11.81 in (30 cm)      |
| Package 3 width              | 11.81 in (30 cm)      |
| Package 3 Length             | 15.75 in (40 cm)      |

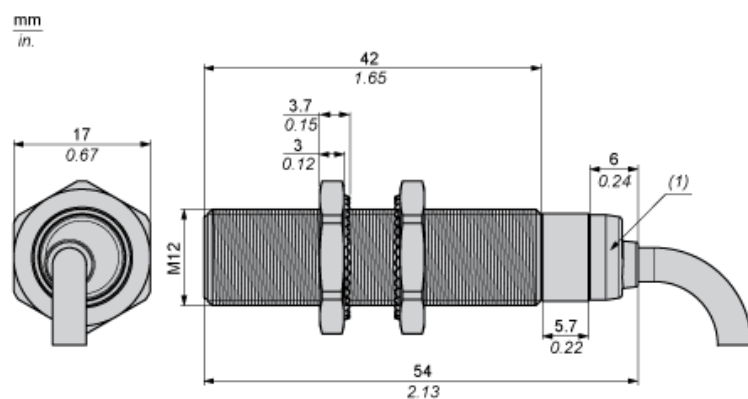
## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                             |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                                                                 |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                                                                    |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                                                                                                               |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                     |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                                                                                                           |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

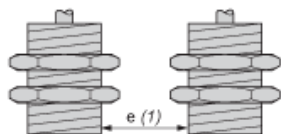
## Dimensions



(1) LED

## Minimum Mounting Distances

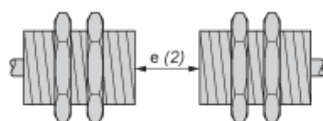
Side by side



e (1) 16 mm/0.63 in.

≥

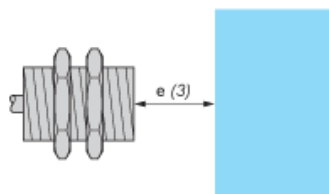
Face to face



e (2) 48 mm/1.89 in.

≥

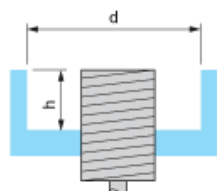
Facing a metal object



e (3) 12 mm/0.47 in.

≥

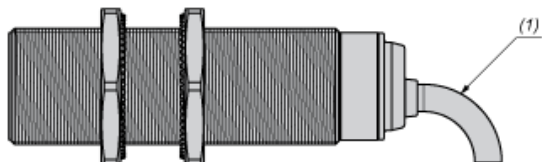
Mounted in a metal support



d ≥ 36 mm/1.42 in.

h ≥ 8 mm/0.31 in.

## Mounting



(1) Bending cable: 4 x external cable diameter

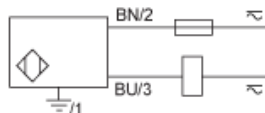
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## Wiring Schemes

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### 2-Wire AC or DC

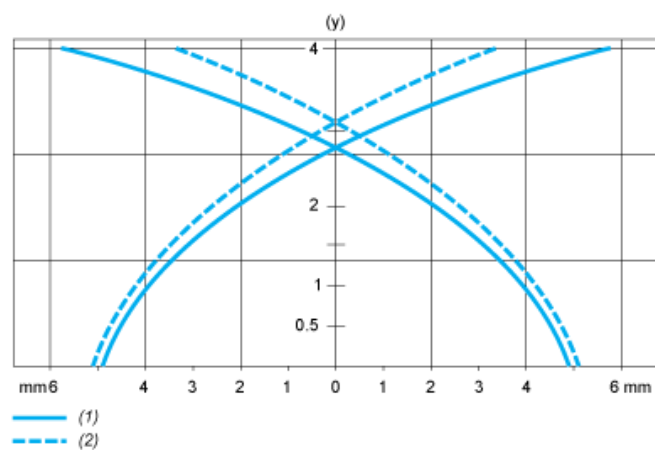
NO output



BU : Blue  
BN : Brown

## Performance Curves

Standard Steel Target : 12x12x1 mm



- (1) Pick-up points
- (2) Drop-out points (object approaching from the side)
- (y) Sensing distance in mm