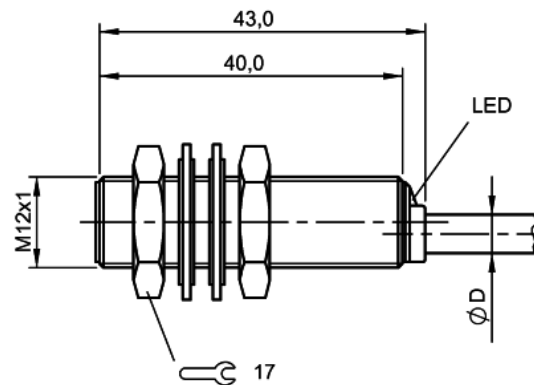


BES M12MG-UOC30B-BV02  
BES024M

non polarized  
NC  
flush mountable



#### Electrical data:

|                                             |               |
|---------------------------------------------|---------------|
| Connection                                  | Cable         |
| Rated operational voltage DC                | 24 DC V       |
| Rated operational current (I <sub>e</sub> ) | 100 mA        |
| Time delay before availability              | 50 ms         |
| Electrical type                             | DC            |
| Utilization category                        | DC 13         |
| Hysteresis max (H)                          | 20 %          |
| Minimum operating current (I <sub>m</sub> ) | 5 mA          |
| Off-state current max (I <sub>r</sub> )     | 600 µA        |
| Ripple of power supply                      | 15 %          |
| Switching output                            | non polarized |
| Switching element function                  | NC            |
| Operating frequency (f)                     | 1300 Hz       |
| Voltage drop static max                     | 5 V           |
| Supply voltage max DC (U <sub>B</sub> )     | 36 V          |
| Supply voltage min DC (U <sub>B</sub> )     | 10 V          |

#### Mechanical data:

|                               |                      |
|-------------------------------|----------------------|
| Assured operating distance    | 0...2,4 mm           |
| Mounting                      | flush mountable      |
| Ambient temperature max       | +70 °C               |
| Ambient temperature min       | -25 °C               |
| Degree of pollution           | 3                    |
| Sensing face material         | PA 12                |
| Housing material              | CuZn, Ni free coated |
| Repeat accuracy max. (R)      | 5 %                  |
| Number of wires               | 2-wire               |
| Tightening torque             | 15 Nm                |
| Rated operating distance (sn) | 3 mm                 |
| Diameter                      | M12x1 mm             |

#### General data:

|                                     |            |
|-------------------------------------|------------|
| Brand                               | GlobalProx |
| Degree of protection IP             | IP67       |
| Protected against polarity reversal | yes        |
| Approval                            | CE         |
| Power Indication                    | no         |
| Output indication                   | yes        |
| Short circuit protected             | yes        |

#### Wiring:

