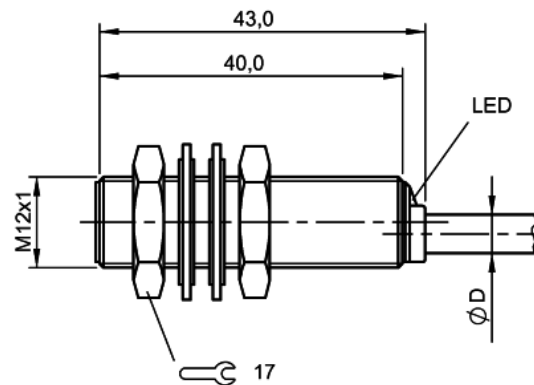


BES M12MG-UOC30B-BP05  
BES03HW

non polarized  
NC  
flush mountable



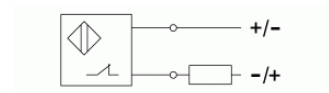
#### Electrical data:

|                                |               |
|--------------------------------|---------------|
| 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 (UB)     | 36 V          |
| Supply voltage min DC (UB)     | 10 V          |
| Rated operational voltage DC   | 24 DC V       |
| Rated operational current (Ie) | 100 mA        |
| Time delay before availability | 50 ms         |
| Electrical type                | DC            |
| Utilization category           | DC 13         |
| Hysteresis max (H)             | 20 %          |
| Minimum operating current (Im) | 5 mA          |
| Off-state current max (Ir)     | 600 µA        |
| Connection                     | Cable         |

#### 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:



#### Mechanical data:

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