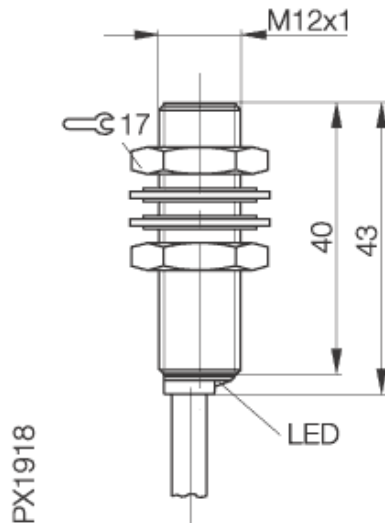


BES M12MG-GSC30B-BV02  
BES0045

polarized  
NO  
flush mountable



#### Electrical data:

|                                             |           |
|---------------------------------------------|-----------|
| 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                            | polarized |
| Switching element function                  | NO        |
| Operating frequency (f)                     | 1300 Hz   |
| Voltage drop static max                     | 4 V       |
| Supply voltage max DC (U <sub>B</sub> )     | 36 V      |
| Supply voltage min DC (U <sub>B</sub> )     | 10 V      |
| 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 %      |

#### Mechanical data:

|                               |                              |
|-------------------------------|------------------------------|
| 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                   |
| Cable code designation        | LiYY-0 2x0,34mm <sup>2</sup> |
| 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 %                          |

#### 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:

