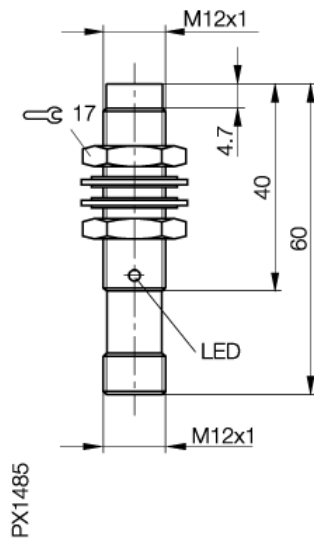


BES M12MF1-PSC10F-S04G  
BES02WR

PNP  
NO  
non flush mountable



#### Electrical data:

|                                 |                    |
|---------------------------------|--------------------|
| Utilization category            | DC 13              |
| Supply voltage min. (Ub)        | 10 V               |
| Connection                      | Connector S4 (M12) |
| Electrical type                 | DC                 |
| No-load supply current damped   | = 10 mA            |
| Switching output                | PNP                |
| Switching element function      | NO                 |
| Load current capacity (Ie)      | 200 mA             |
| Off-state current max (Ir)      | 100 µA             |
| Supply voltage max. (Ub)        | 30 V               |
| Rated operational voltage (Ue)  | 24 DC V            |
| No-load supply current undamped | 10 mA              |
| Operating frequency (f)         | 400 Hz             |
| Voltage drop max. static        | 2 V                |

#### Mechanical data:

|                               |                     |
|-------------------------------|---------------------|
| Tightening torque             | 10 Nm               |
| Rated operating distance (sn) | 10 mm               |
| Assured operating distance    | 0...8,1 mm          |
| Housing material              | CuZn, chrome plated |
| Repeat accuracy max. (R)      | 5 %                 |
| Diameter                      | M12x1 mm            |
| Ambient temperature min       | -25 °C              |
| Ambient temperature max       | +70 °C              |
| Number of Wires               | 3-wire              |
| Mounting                      | non flush mountable |
| Sensing face material         | PBT                 |

#### General data:

|                                     |        |
|-------------------------------------|--------|
| Short circuit protected             | yes    |
| Approval                            | CE     |
| Brand                               | SuperG |
| Degree of protection IP             | IP67   |
| Output indication                   | yes    |
| Protected against polarity reversal | yes    |

#### Wiring:



#### Pinout:

