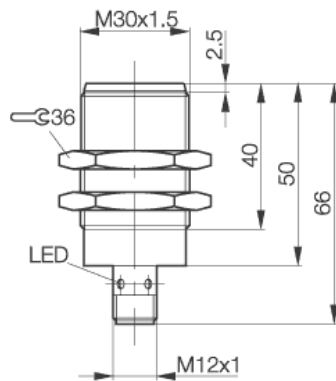


BES M30EG1-PSC80N-S04G-S  
BES02ZH

PNP  
NO  
flush mountable



PX1912

#### Electrical data:

|                                 |                    |
|---------------------------------|--------------------|
| Rated operational voltage (Ue)  | 24 DC V            |
| Utilization category            | DC 13              |
| Hysteresis max (H)              | 10 %               |
| Ripple max. of Ue               | = 15 %             |
| Supply voltage min. (Ub)        | 10 V               |
| Time delay before availability  | 20 ms              |
| Switching output                | PNP                |
| Switching element function      | NO                 |
| Connection                      | Connector S4 (M12) |
| Electrical type                 | DC                 |
| No-load supply current damped   | 10 mA              |
| Operating frequency (f)         | 15 Hz              |
| Voltage drop max. static        | 2 V                |
| Load current capacity (Ie)      | 100 mA             |
| No-load supply current undamped | 10 mA              |
| Off-state current max (Ir)      | 10 µA              |
| Supply voltage max. (Ub)        | 30 V               |

#### Mechanical data:

|                               |                 |
|-------------------------------|-----------------|
| Tightening torque             | 70 Nm           |
| Rated operating distance (sn) | 8 mm            |
| Assured operating distance    | 0...6,5 mm      |
| Ambient temperature max       | +70 °C          |
| Mounting                      | flush mountable |
| Ambient temperature min       | -25 °C          |
| Number of Wires               | 3-wire          |
| Degree of pollution           | 3               |
| Sensing face material         | Stainless Steel |
| Diameter                      | M30x1,5 mm      |
| Housing material              | stainless steel |
| Repeat accuracy max. (R)      | 2 %             |

#### General data:

|                                     |                                                                                                         |
|-------------------------------------|---------------------------------------------------------------------------------------------------------|
| Power Indication                    | yes                                                                                                     |
| Brand                               | Steelface                                                                                               |
| Degree of protection IP             | IP67                                                                                                    |
| Features                            | Resistance to abrasive media and aggressive coolants and lubricants; Rugged active surface (1 mm steel) |
| Short circuit protected             | yes                                                                                                     |
| Approval                            | CE,c_ul_us                                                                                              |
| Output indication                   | yes                                                                                                     |
| Recommended connector               | BKS S19-14                                                                                              |
| Protected against polarity reversal | yes                                                                                                     |
| Special design                      | Nonferrous targets                                                                                      |

Damping: Non-Ferrous

#### Wiring:



#### Pinout:

