Inductive sensor
BES Q80KA-PSH40B-S04Q
BES0227

1) Active surface

- PNP
- Normally open (NO)
- 40.00 mm
- Flush (shielded)
- Connector, M12x1-S04

General attributes
Approvals / Conformity
Basic standard
Endurance Type per IEC 60529
Function indicator
Polarity reversal protected
Power indicator
Protection Class
Short circuit protected
MTTF (60°C)

Electrical attributes
Connection type
Eff. operating current Ie
Eff. operating voltage Ue DC
Electrical version
Load capacitance max. (at Ue)
Max. no-load cur. lo undamped
Minimum operating current Im
No-load current lo damped max.
Operating voltage Ub max. DC [V]
Operating voltage Ub min. DC [V]
Rated short circuit current
Ripple max. (% of Ue)
Switching freq. f max. (at Ue)
Switching function
Switching output
Voltage drop static max.

Mechanical attributes
Ambient temperature Ta max.
Ambient temperature Ta min.
Assured operating distance Sa
Connector type
Depth
Eff. operating distance Sr
Height (small side)
Housing material
Mech. installation condition
Rated operating distance Sn [mm]
Sensing face material
Width (long side)

Remarks
LED 1: Function; LED 2: Operating voltage
The sensor is functional again after the overload has been eliminated.
Embeddable: See installation instructions for inductive sensors with extended switching distance 851745.
Recommended mounting: Screw ISO 4762 M5x16 and washer DIN 125 A 5.3.

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.
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