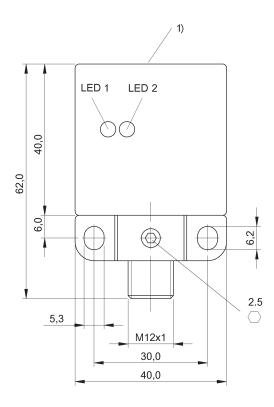
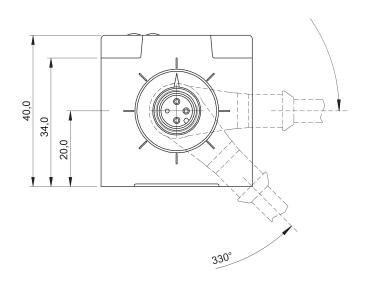
BES Q40KFU-PAC15A-S04G BES022K

BALLUFF





1) Active surface

- PNP
- NO/NC 15.00 mm
- Flush (shielded)
- Connector, M12x1-S04

General attributes

Additional features
Approvals / Conformity

Basic standard Enclosure Type per IEC 60529 Function indicator Magnetic field immune Polarity reversal protected Power indicator Protection Class Short circuit protected Trademark MTTF (40°C)

Electrical attributes

Connection type
Eff. operating current le Eff. operating voltage Ue DC Electrical version Load capacitance max. (at Ue) Magnetic field strength 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 insulation voltage Ui Rated short circuit current Ripple max. (% of Ue)

Factor 1 cULus CE EAC IEC 60947-5-2 IP67 immune to magnetic DC and AC fields Yes Ш Yes

Connector 200 mA 24.0 V DC, direct current 1.000 µF 100 kA/m 15.0 mA 0 mA 20.0 mA 30 0 V 10.0 V 250 VAC 100 A 15 %

Factor 1

520 a











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)

2.5 V 70 °C -25 °C 12.20 mm M12x1-S04

62.0 mm

400 Hz

NO/NC

PNP

15.00 mm 40.0 mm PBT Flush (shielded) 15.00 mm PBT 40.0 mm

Remarks

Nethanks
LED 1: Function; LED 2: Operating voltage
Switching distance specifications and tolerance apply to the shown location of the active

The sensor is functional again after the overload has been eliminated.

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.

BES Q40KFU-PAC15A-S04G BES022K



