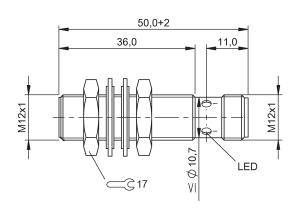
## BES M12MF1-PSC30A-S04G-W BES02JZ





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









IND. CONT. EQ
81U2
US for use in the secondary of a class 2 source of supply
Environmental - Type 1 Enclosure



#### General attributes Additional features

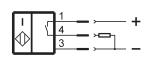
Approvals / Conformity

Basic standard
Enclosure Type per IEC 60529
Function indicator
Magnetic field immune
Operating distance marking
Polarity reversal protected
Power indicator
Protection Class
Short circuit protected

### **Electrical attributes**

Trademark

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]



Weld-spatter resistant Factor 1 CE cULus

EAC IEC 60947-5-2 IP67

Yes immune to magnetic DC and AC fields

Yes
No
II
Yes
Factor 1

Connector 200 mA 24.0 V DC, direct current 1.000 µF 100 kA/m 10.0 mA 0 mA 15.0 mA 30.0 V



Operating voltage UB min. DC [V] Rated insulation voltage Ui 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
Diameter d1
Eff. operating distance Sr
Housing material
Mech. installation condition
Mounting length
Rated operating distance Sn [mm]
Sensing face material
Surface protection
Tightening torque

10.0 V 250 VAC 100 A 10 % 2000 Hz Normally open (NO) PNP 2.5 V

70 °C -25 °C 2.40 mm M12x1-S04 50.0 mm M12x1 3.00 mm CuZn Flush (shielded) 36.0 mm 3.00 mm LCP + PTFE coating 10 Nm

#### Additional text

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