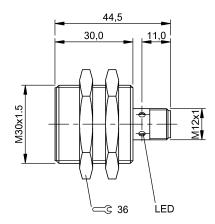
BES M30ME-PSC15B-S04G-003

Order Code: BES00F9











Basic features

Approval/Conformity	cULus
	CE
	EAC
	WEEE
Basic standard	IEC 60947-5-2
Trademark	Global

Display/Operation

Function indicator Power indicator no

Electrical connection

Connection	M12x1-Male, 4-pin, A-coded
Polarity reversal protected	yes
Protection against device mix-ups	yes
Short-circuit protection	yes

Electrical data

1 μF
0 mA
25 mA
12 mA
1030 VDC
2.0 kOhm + D + LED
75 V DC
130 mA
24 V
100 A
10 ms
80 μΑ
15 %
75 Hz
DC -13
3.8 V

Environmental conditions

Ambient temperature	-2570 °C
Contamination scale	3
EN 60068-2-27, Shock	Half-sinus, 30 g_n , 11 ms
EN 60068-2-6, Vibration	55 Hz, amplitude 1 mm, 3x30 min
IP rating	IP67
Functional safety	

1620 a

MTTF (40 °C)

BES M30ME-PSC15B-S04G-003 Order Code: BES00F9



Material

Housing material Brass, nickel plated

Material sensing surface PA 12

Mechanical data

Dimension Ø 30 x 44.5 mm
Installation for flush mounting
Size M30x1.5
Tightening torque 70 Nm

Output/Interface

Switching output	PNP normally open (NO)
Range/Distance	
Assured operating distance Sa	12 mm
Hysteresis H max. (% of Sr)	15.0 %
Rated operating distance Sn	15 mm
Real switching distance sr	15 mm
Repeat accuracy max. (% of Sr)	5.0 %
Switching distance marking	••
Temperature drift max. (% of Sr)	10 %
Tolerance Sr	±10 %

Remarks

Flush: See installation instructions for inductive sensors with extended range 825357.

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

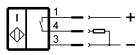
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



Wiring Diagrams



Internet