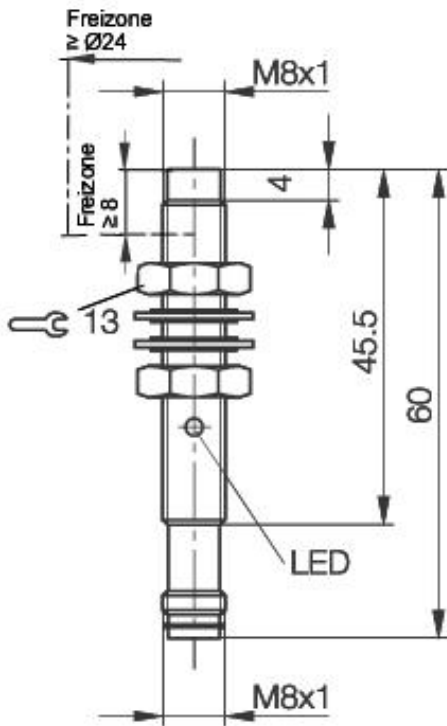


**Inductive Sensors**  
**BES M08MG1-POC60F-S49G**  
**M 8 x 60**  
**normally-closed**  
**Sn=6mm**  
**unshielded**



**Common Data**

Product name	SuperG
Mounting in steel	unshielded
Rated operating distance Sn	6mm
Assured operating distance Sa	0...4,8mm
Repeatability R	≤ 5%
Hysteresis	≤10%
Function indication	yes
Ambient temperature range	-25...+70°C
Time delay before availability	≤ 50ms

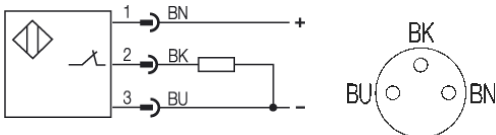
**Mechanical Data**

Measurements BxHxT or DxT	M 8 x 60mm
Housing material	CuZn chrome plated
Material of sensing face	PBT
Degree of protection	IP67IP
Connection	Connector S49 (M8 3-pin)
Shock: Halfsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

**Electrical Data**

Current type	DC
Wiring	3-Wire
switching function	normally-closed
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
Ripple	≤20%
max. switching frequency	500Hz
No-load supply current	≤ 12mA
Off-state current	≤ 100µA
Voltage drop	≤ 2V
Short circuit protection	yes
Protected against polarity reversal	yes

PX1481



Utilization categories  
 Insulation class

DC 13

Datasheet number:

Definitions see general catalog.  
 If not otherwise noted, ratings according to  
 IEC 60947-5-2 (DIN EN60947-5-2)

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