

**Inductive Sensors**  
**BES Q08MG-NSC30B-S49G**  
**8 x 8 x 54**  
**normally-open**  
**Sn=3mm**  
**quasi shielded**

**Common Data**

Product name	SuperG
Mounting in steel	quasi shielded
Rated operating distance Sn	3mm
Assured operating distance Sa	0...2.4mm
Repeatability R	≤ 5%
Function indication	yes
Ambient temperature range	-25...+70°C

**Mechanical Data**

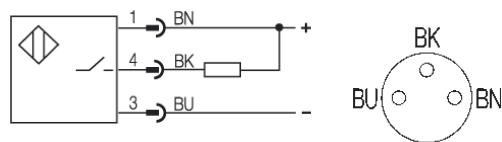
Measurements BxHxT or DxT	8 x 8 x 54mm
Housing material	CuZn chrome plated
Material of sensing face	PBT
Degree of protection	IP67IP
Connection	Connector S49 (M8 3-pin)
Schock: Halfsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

**Electrical Data**

Current type	DC
Wiring	3-Wire
switching function	normally-open
Output signal	NPN
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
max. switching frequency	1000Hz
No-load supply current	≤ 10mA
Off-state current	≤ 100µA
Voltage drop	≤ 2V
Short circuit protection	yes
Protected against polarity reversal	yes

**Remarks**

Mounting Instructions 825356



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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