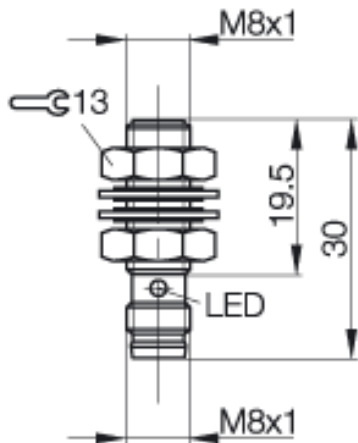


**Inductive Sensors**  
**BES M08EC-POC15B-S49G**  
**M8x1 x 30**  
**normally-closed**  
**Sn=1,5mm**  
**shielded**



**Common Data**

Mounting in steel	shielded
Rated operating distance Sn	1,5mm
Assured operating distance Sa	0...1,2mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Pollution Degree	3
Time delay before availability	≤20ms

**Mechanical Data**

Measurements BxHxT or DxT	M8x1 x 30mm
Housing material	stainless steel
Material of sensing face	PA 12
Degree of protection	IP68 nach BWN Pr 20IP
Connection	Connector S49 (M8 3-pin)
Shock: Halfsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

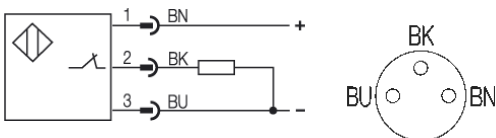
**Electrical Data**

Current type	DC
Wiring	3-Draht
switching function	normally-closed
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
Ripple	≤ 15%
Rated supply frequency	DCHz
max. switching frequency	3000Hz
No-load supply current	≤ 11/≤ 3mA
Off-state current	≤ 20µA
Voltage drop	≤ 2.5V
Short circuit protection	yes
Protected against polarity reversal	yes

**Remarks**

Connector BKS-\_ 48/BKS-\_ 49  
 Mounting Instructions 825357

PX2003



Utilization categories DC 13  
 Insulation class

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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Datenblatt by CD-ROM - 04/2007

