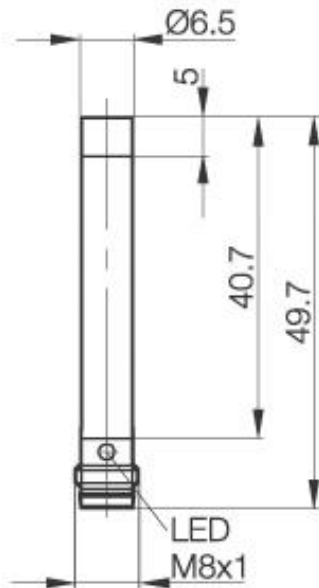


**Inductive Sensors**  
**BES G06EF-PSC40F-S49G**  
**D6.5 x 49,7**  
**normally-open**  
**Sn=4mm**  
**unshielded**



PX1613

**Common Data**

Mounting in steel	unshielded
Rated operating distance Sn	4mm
Assured operating distance Sa	0...3,2mm
Repeatability R	= 5%
Hysteresis	= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 20ms

**Mechanical Data**

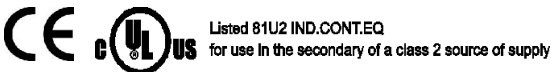
Measurements BxHxT or DxT	D6,5 x 49,7mm
Housing material	stainless steel
Material of sensing face	PBT
Degree of protection	IP67IP
Connection	Connector S49 (M8 3-pin)
Shock: Halfsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

**Electrical Data**

Current type	DC
Wiring	3-Wire
switching function	normally-open
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	5000Hz
Minimum operational current	0mA
No-load supply current	= 12mA
Off-state current	= 10µA
Voltage drop	= 2,5V
Short circuit protection	yes
Protected against polarity reversal	yes

**Remarks**

Mounting Instructions 825357



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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