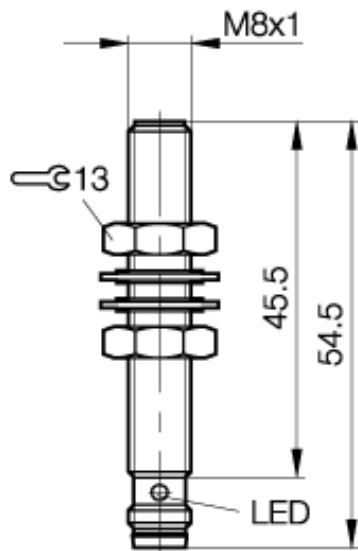


Inductive Sensors
BES 516-324-G-S 49-C
M8x1 x 54.5
normally-open
Sn=2mm
shielded



Common Data

Mounting in steel	shielded
Rated operating distance Sn	2mm
Assured operating distance Sa	0...1.6mm
Repeatability R	<= 5%
Hysteresis	<= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
IEC-Code	I1A08AP2
Time delay before availability	<= 10ms

Mechanical Data

Measurements BxHxT or DxT	M8x1 x 54.5mm
Housing material	stainless steel
Material of sensing face	PBTP
Degree of protection	IP67IP
Connection	Connector S49
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	PNP
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
Ripple	<= 15%
max. switching frequency	1000Hz
No-load supply current	<= 25/ <= 12mA
Off-state current	<= 80µA
Voltage drop	<= 2.5/-V
Short circuit protection	yes
Protected against polarity reversal	yes

Remarks

Mounting Instructions 825357

PX0018



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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Datenblatt by CD-ROM - 10/2004

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