

PX1739

## Inductive Sensors BES R05KB-PSC20B-S49A 12 x 40 x 26 normally-open Sn=2mm shielded

### Common Data

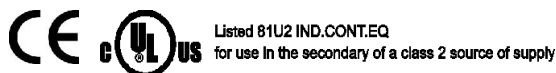
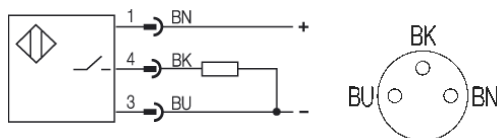
Mounting in steel	shielded
Rated operating distance Sn	2mm
Assured operating distance Sa	0...1,6mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Pollution Degree	3
Time delay before availability	≤ 10ms

### Mechanical Data

Measurements BxHxT or DxT	12 x 40 x 26mm
Housing material	PA 12
Material of sensing face	PA 12
Degree of protection	IP67IP
Connection	Connector S49 (M8 3-pin)
Schock: Halbsinus, 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	400Hz
Minimum operational current	0mA
No-load supply current	=9/≈4mA
Off-state current	≤ 80µA
Voltage drop	≤ 2.5/-V
Short circuit protection	yes
Protected against polarity reversal	yes



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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