

PX1739

Inductive Sensors
BES R05KB-PSC40B-S49A
12 x 40 x 26
normally-open
Sn=4mm
shielded

Common Data

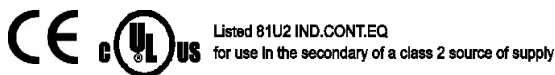
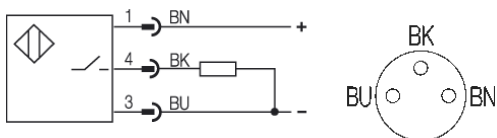
Mounting in steel	shielded
Rated operating distance Sn	4mm
Assured operating distance Sa	0...3.2mm
Repeatability R	= 5%
Hysteresis	= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Pollution Degree	3
Time delay before availability	≤ 10ms

Mechanical Data

Measurements BxHxT or DxT	12 x 40 x 26mm
Housing material	PA
Material of sensing face	PA
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	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	=4/=9mA
Off-state current	≤ 80µA
Voltage drop	≤ 2.5/-V
Short circuit protection	yes
Protected against polarity reversal	yes



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)

Balluff GmbH
 Schurwaldstrasse 9
 73765 Neuhausen a.d.F.
 Phone (07158) 173-0 Fax (07158) 5010

Datenblatt by CD-ROM - 04/2007

