

PX1943

# **Inductive Sensors** **BES R01ZC-PSC50B-BX00.2-GS04-V** **20 x 32 x 8** **normally-open** **Sn=5mm** **shielded** **magnetic field immune**

## **Common Data**

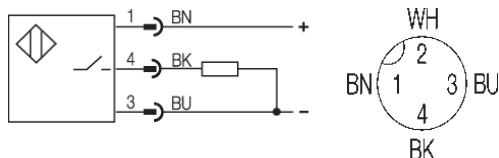
Mounting in steel	shielded
Rated operating distance Sn	5mm
Assured operating distance Sa	0...4,1mm
Repeatability R	≤ 5%
Power indication	yes
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Particular characteristics	magnetic field immune

## **Mechanical Data**

Measurements BxHxT or DxT	20 x 32 x 8mm
Housing material	GD Zn
Material of sensing face	PA 12
Degree of protection	IP67IP
Connection	Cable with Connector
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
Rated supply frequency	DCHz
max. switching frequency	100Hz
No-load supply current	≈15mA
Off-state current	≤ 80μA
Voltage drop	≤ 2,5V
Short circuit protection	yes
Protected against polarity reversal	yes



Utilization categories DC 13  
 Insulation class II

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

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