

PX1943

Inductive Sensors

BES R01ZC-PAC70B-BP00.2-GS04

20 x 32 x 8

Complementary

Sn=7mm

shielded

Common Data

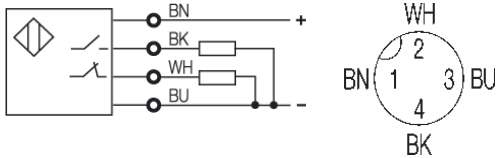
Mounting in steel	shielded
Rated operating distance Sn	7mm
Assured operating distance Sa	0...5.6mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Power indication	yes
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 20ms

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
Cable type	4x0,14mm ²
Schock: Halfsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

Electrical Data

Current type	DC
Wiring	4-Wire
switching function	Complementary
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
Ripple	≤ 10%
Rated supply frequency	DCHz
max. switching frequency	150Hz
Minimum operational current	0mA
No-load supply current	=15/=15mA
Off-state current	≤ 80µA
Voltage drop	≤ 2.5/-V
Short circuit protection	yes
Protected against polarity reversal	yes



Remarks

When overload is removed, sensor resumed function



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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