

Inductive Sensors
BES R05KB-PSC40B-EV03
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 Ambient temperature range -25...+70°C Polution Degree 3 Time delay before availability ≤ 10ms

## **Mechanical Data**

Measurements BxHxT or DxT12 x 40 x 26mmHousing materialPA 12Material of sensing facePA 12Degree of protectionIP67IPConnectionCable

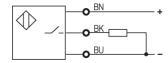
Cable type LiYY-0, 3x0,34mm<sup>2</sup>

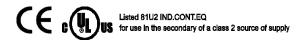
Schock: Halfsinus, 30 gn, 11ms

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 opertional voltage 24 DCV Rated opertional current 200mA 10...30 DCV Supply voltage ≤ 15% Ripple Rated supply frequency DCHz max. switching frequency 400Hz Minimum opertional 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 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)

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