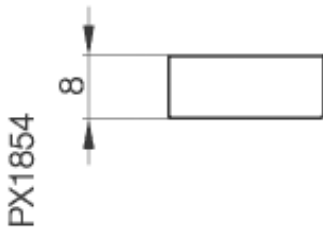
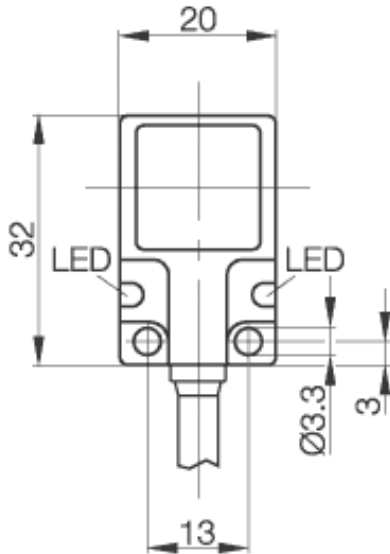


Inductive Sensors
BES R01ZC-NAC70B-BP03
20 x 32 x 8
Complementary
Sn=7mm
shielded



Common Data

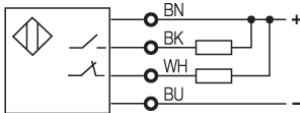
Mounting in steel	shielded
Rated operating distance Sn	7mm
Assured operating distance Sa	0...5.6mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Power indication	yes
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 20ms

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
Cable type	LifYY-0, 4x0,14mm ²
Schock: Halbsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

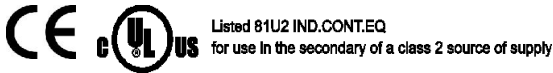
Electrical Data

Current type	DC
Wiring	4-Wire
switching function	Complementary
Output signal	NPN
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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Datenblatt by CD-ROM - 04/2007

