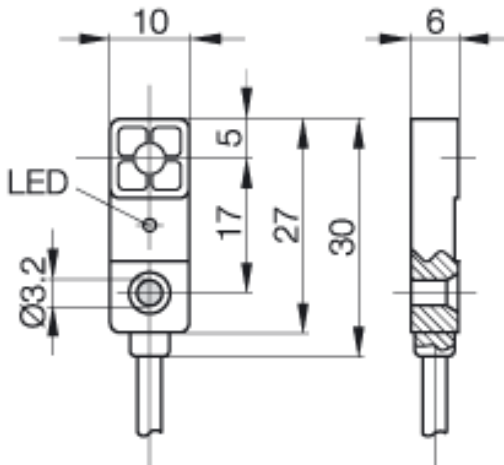


Inductive Sensors
BES R03KC-PSC30B-EP05
30 x 10 x 6
normally-open
Sn=3mm
shielded



Common Data

Mounting in steel	shielded
Rated operating distance Sn	3mm
Assured operating distance Sa	0...2.4mm
Repeatability R	≤ 1%
Hysteresis	≤ 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 10ms

Mechanical Data

Measurements BxHxT or DxT	30 x 10 x 6mm
Housing material	PA6-GF30
Material of sensing face	PA6-GF30
Degree of protection	IP67IP
Connection	Cable
Cable type	LiYY-11Y-0
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	100mA
Supply voltage	5...30 DCV
Ripple	≤ 10%
Rated supply frequency	DCHz
max. switching frequency	1000Hz
No-load supply current	≤ 6mA
Voltage drop	≤ 1,5V
Short circuit protection	ja
Protected against polarity reversal	nein

PX2254



Utilization categories
 Insulation class

DC 12

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

