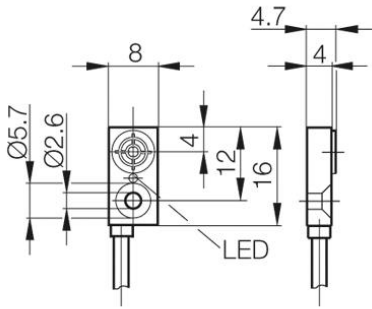


PX1618



Inductive Sensors
BES R04KC-PSC25F-EV02
8 x 16 x 4
normally-open
Sn=2,5mm
unshielded

Common Data

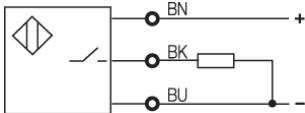
Mounting in steel	unshielded
Rated operating distance Sn	2,5mm
Assured operating distance Sa	0...2mm
Repeatability R	= 5%
Hysteresis	= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3

Mechanical Data

Measurements BxHxT or DxT	8 x 16 x 4mm
Housing material	PA6-GF30
Material of sensing face	PA6-GF30
Degree of protection	IP67IP
Connection	Cable
Cable type	LifYY-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	10...30 DCV
Ripple	≤ 10%
Rated supply frequency	DCHz
max. switching frequency	150Hz
Minimum operational current	0mA
No-load supply current	=10/1mA
Off-state current	=50µA
Voltage drop	=2,5V
Short circuit protection	yes
Protected against polarity reversal	no



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

BALLUFF
 sensors worldwide