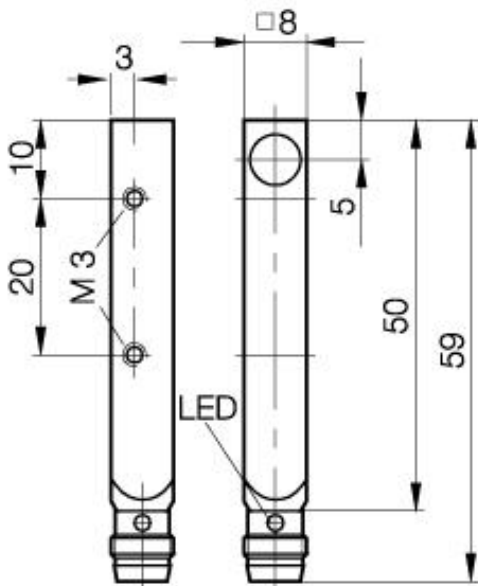


Inductive Sensors
BES Q08ZC-PSC25B-S49G
8 x 8 x 59
normally-open
Sn=2,5mm
shielded



PX0676



Common Data

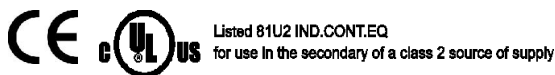
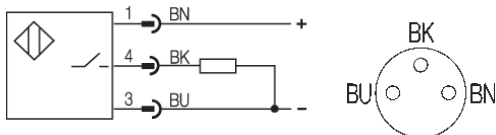
Mounting in steel	shielded
Rated operating distance Sn	2,5mm
Assured operating distance Sa	0...2mm
Repeatability R	≤ 5%
Hysteresis	≤ 20%
Function indication	yes
Ambient temperature range	0...+70°C
Polution Degree	3
Time delay before availability	≤ 10ms

Mechanical Data

Measurements BxHxT or DxT	8 x 8 x 59mm
Housing material	Gd Zn Al
Material of sensing face	POM
Degree of protection	IP67IP
Connection	Connector S49 (M8 3-pin)
Shock: 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	200mA
Supply voltage	10...30 DCV
Ripple	≤ 15%
max. switching frequency	2000Hz
No-load supply current	≤ 12/≤ 4mA
Off-state current	≤ 80µA
Voltage drop	≤ 2,5/-V
Short circuit protection	yes
Protected against polarity reversal	yes



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)

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