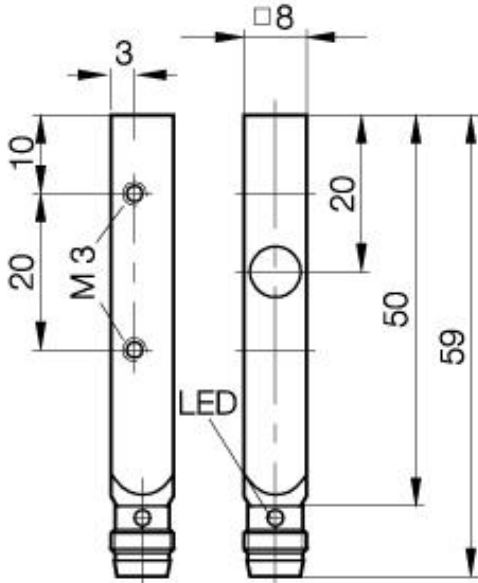
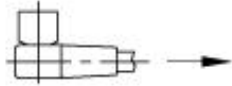


**Inductive Sensors**  
**BES Q08ZE-NSC20B-S49G**  
**8 x 8 x 59**  
**normally-open**  
**Sn=2mm**  
**shielded**



PX0675



**Common Data**

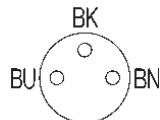
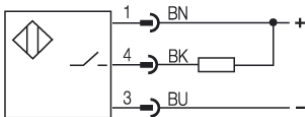
Mounting in steel	shielded
Rated operating distance Sn	2mm
Assured operating distance Sa	0...1.6mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 10ms

**Mechanical Data**

Measurements BxHxT or DxT	8 x 8 x 59mm
Housing material	Gd Zn Al
Material of sensing face	PA 12
Degree of protection	IP65IP
Connection	Connector S49 (M8 3-pin)
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	NPN
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
Ripple	≤ 10%
max. switching frequency	1000Hz
No-load supply current	≤ 20/≤ 12mA
Off-state current	≤ 80µA
Voltage drop	≤ 2.5/-V
Short circuit protection	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  
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Datenblatt by CD-ROM - 04/2007

