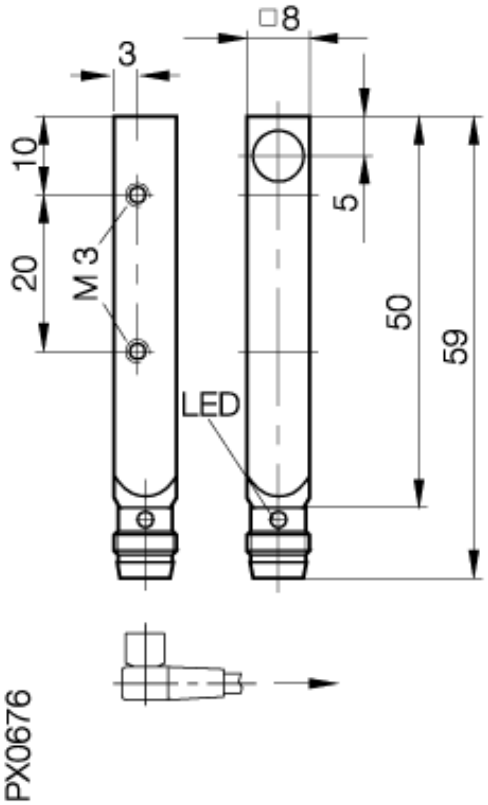


Inductive Sensors
BES Q08ZC-PSC20B-S49G
8 x 8 x 59
normally-open
Sn=2mm
shielded

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
IEC-Code	I1C08AP2
Time delay before availability	<= 10ms

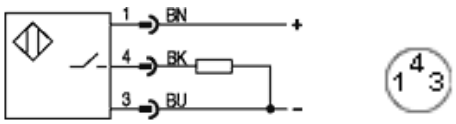
Mechanical Data

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

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 opertional voltage	24 DCV
Rated opertional 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
Protected against polarity reversal	yes



CE

Utilization categories	DC 13
Insulation class	-

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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