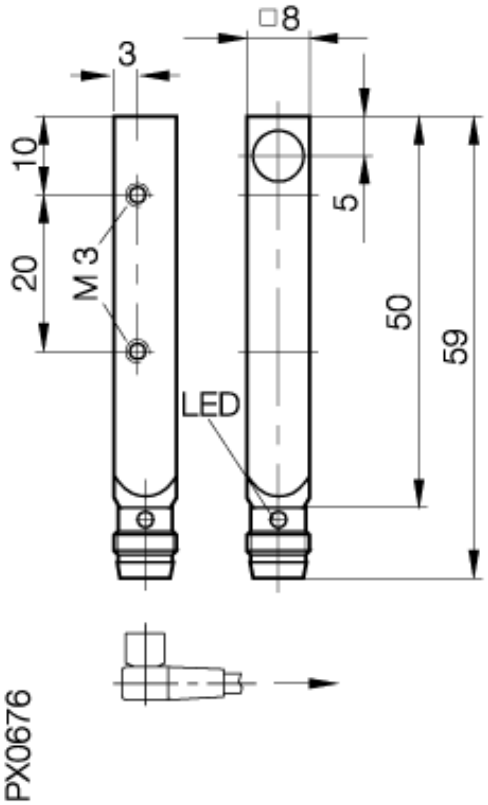



# Inductive Sensors
# BES Q08ZC-POC20B-S49G
# 8 x 8 x 59
# normally-closed
# Sn=2mm
# shielded

## 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 | I1C08BP2 |
| Time delay before availability | <= 10ms |

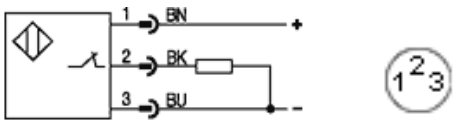
## Mechanical Data

| | |
|---|---|
| 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-closed |
| 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 | <= 12/<= 20mA |
| Off-state current | <= 10µA |
| 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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