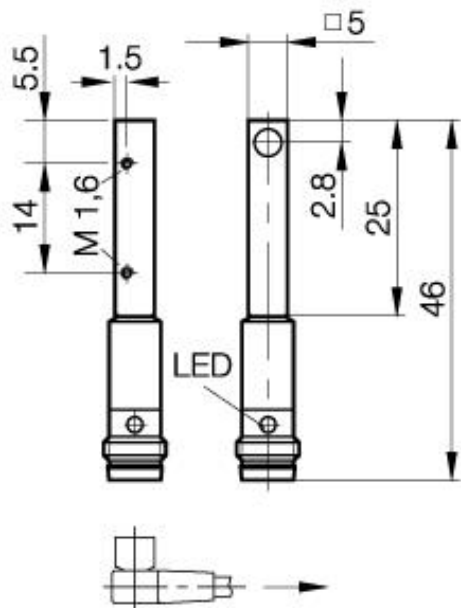


Inductive Sensors
BES 516-3042-I02-C-S 49
5 x 5 x 46
normally-closed
Sn=0,8mm
shielded



Common Data

Mounting in steel	shielded
Rated operating distance Sn	0,8mm
Assured operating distance Sa	0...0.65mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 10ms

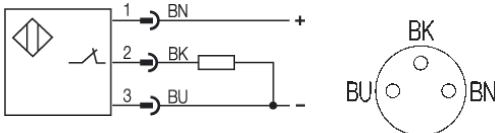
Mechanical Data

Measurements BxHxT or DxT	5 x 5 x 46mm
Housing material	Aluminium
Material of sensing face	POM
Degree of protection	IP67IP
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-closed
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	150mA
Supply voltage	10...30 DCV
Ripple	≤ 10%
max. switching frequency	1000Hz
Minimum operational current	1.0mA
No-load supply current	≤ 1.5/≤ 10mA
Off-state current	≤ 50µA
Voltage drop	≤ 1.0/-V
Short circuit protection	yes
Protected against polarity reversal	yes

PX0713



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)

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