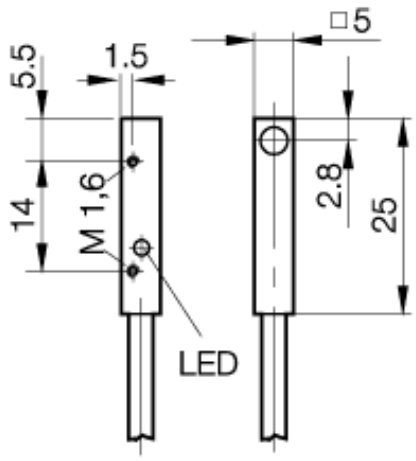
Inductive Sensors
BES 516-3040-IO2-C-PU
5 x 5 x 25
normally-open
Sn=0,8mm
shielded



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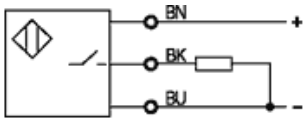

Common Data

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
IEC-Code	I1C05AP1
Time delay before availability	<= 10ms

Mechanical Data

Measurements BxHxT or DxT	5 x 5 x 25mm
Housing material	Aluminium
Material of sensing face	POM
Degree of protection	IP67IP
Connection	Cable
Cable type	LifY-11Y-O

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	150mA
Supply voltage	10...30 DCV
Ripple	<= 10%
max. switching frequency	1000Hz
Minimum opertional current	1.0mA
No-load supply current	<= 10/<= 1.5mA
Off-state current	<= 50µA
Voltage drop	<= 1.0/-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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