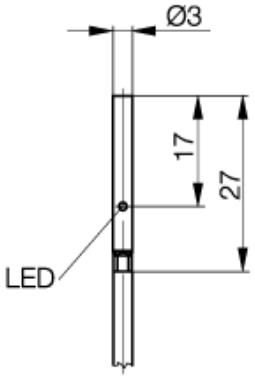
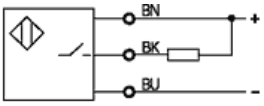
Inductive Sensors
BES 516-3046-G-E4-L-PU-05

BALLUFF

cyl. D 3
Sn = 1 mm
DC 3-Wire
shielded



PX1477



Utilization categories DC 13

Common Data

Mounting		shielded
Rated operating distance Sn	mm	1,0
Assured operating distance Sa	mm	0...0,8
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function indication		yes
Ambient temperature range	°C	-10...+70
Polution Degree		3
IEC-Code		I1B03AP1
Time delay before availability	ms	<= 10

Mechanical Data

Housing size	mm	cyl. D 3
Measurements BxHxT or DxT	mm	D3 x 27
Housing material		stainless steel
Material of sensing face		POM
Degree of protection		IP67
Connection		Cable
Cable type		LifY-11Y-O

Electrical Data

Current type		DC
Wiring		3-Wire
switching function		normally-open
Output signal		NPN
Rated operational voltage	V	24 DC
Rated operational current	mA	100
Supply voltage	V	10...30 DC
Ripple	%	<= 10
Rated supply frequency	Hz	5000
Minimum operational current	mA	0
No-load supply current	mA	<= 12/<= 9
Off-state current	µA	<= 50
Voltage drop	V	<= 1.5/-
Short circuit protection		no
Protected against polarity reversal		yes

Further information:

Einbauhinweise 825357 Hinweis EMV Schutzbeschaltung

EMV

ESD/RFI/Burst/IVW	2/2/4/ext.
Emission	Gr.1, Kl.B

If not differently indicated,
all values by IEC 60947-5-2 (DIN EN60947-5-2)
Specifications subject to change

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