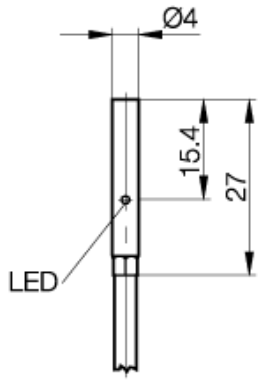
Inductive Sensors

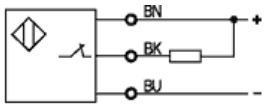
BES 516-3018-G-E4-C-PU-02

BALLUFF
sensors worldwide

cyl. D 4
Sn = 1,5 mm
DC 3-Wire
shielded
sn: 2fach



PX0706



Utilization categories DC 13

Common Data

Mounting		shielded
Rated operating distance Sn	mm	1,5
Assured operating distance Sa	mm	0...1.2
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function indication		yes
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I1B04BN1
Time delay before availability	ms	<25

Mechanical Data

Housing size	mm	cyl. D 4
Measurements BxHxT or DxT	mm	D4 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-closed
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	3000
Minimum operational current	mA	0
No-load supply current	mA	<= 3 / <= 10
Off-state current	µA	<= 80
Voltage drop	V	<= 3.0 / -
Short circuit protection		yes
Protected against polarity reversal		yes

Further information:
■ Einbauhinweise 825357 ■ Hinweis EMV Schutzbeschaltung

EMV

ESD / RFI / Burst / IVW
Emission

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

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