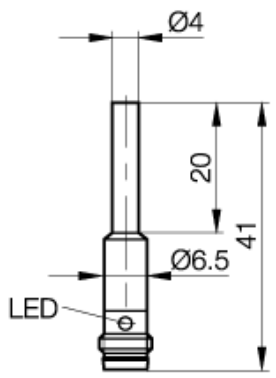
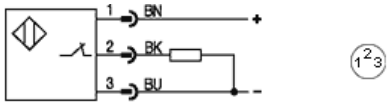
Inductive Sensors
BES 516-3017-G-E5-C-S 49

BALLUFF

cyl. D 4
Sn = 1,5 mm
DC 3-Wire
shielded



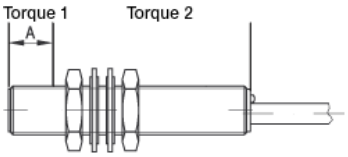
PX0855



Utilization categories DC 13

Further information:
■ Einbauhinweise 825357 ■ Hinweis EMV Schutzbeschaltung

■ Tightening torque:



Torque 1	Nm	1

If only torque1 is indicated,
this applies to entire thread

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

Balluff GmbH
Postfach 1160
73761 Neuhausen
Telefon (07158) 173-0
Telefax (07158) 5010

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		I1B04BP2
Time delay before availability	ms	<= 10

Mechanical Data

Housing size	mm	cyl. D 4
Measurements BxHxT or DxT	mm	D4 x 41
Housing material		stainless steel
Material of sensing face		POM
Degree of protection		IP67
Connection		Connector S49

Electrical Data

Current type		DC
Wiring		3-Wire
switching function		normally-closed
Output signal		PNP
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	<= 10 / <= 3
Off-state current	µA	<= 80
Voltage drop	V	<= 3.0 / -
Short circuit protection		yes
Protected against polarity reversal		yes

EMV

ESD / RFI / Burst / IVW

Emission

01.10.2004 / Online-Information