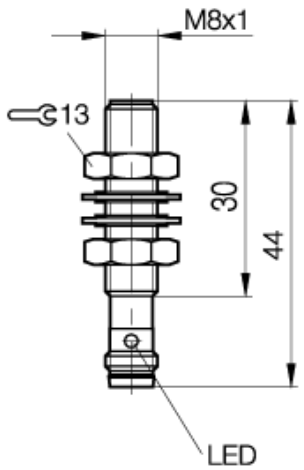
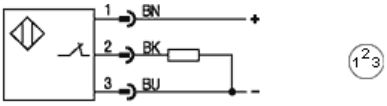
Inductive Sensors
BES 516-377-G-E5-C-S 49

cyl. M 8
Sn = 2 mm
DC 3-Wire
shielded



PX0051



Utilization categories DC 13

Common Data

Mounting		shielded
Rated operating distance Sn	mm	2,0
Assured operating distance Sa	mm	0...1.6
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function indication		yes
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I1A08BP2
Time delay before availability	ms	<= 10

Mechanical Data

Housing size	mm	cyl. M 8
Measurements BxHxT or DxT	mm	M8x1 x 44
Housing material		stainless steel
Material of sensing face		PBTP
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	200
Supply voltage	V	10...30 DC
Ripple	%	<= 15
Rated supply frequency	Hz	1000
No-load supply current	mA	<= 8/<= 25
Off-state current	µA	<= 80
Voltage drop	V	<= 2.5/-
Short circuit protection		yes
Protected against polarity reversal		yes

Further information:

Einbauhinweise 825357 Hinweis EMV Schutzbeschaltung

EMV

ESD/RFI/Burst/IVW	External protection components necessary see note EMC-Protection circuit 825345. IVW:2.2

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

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