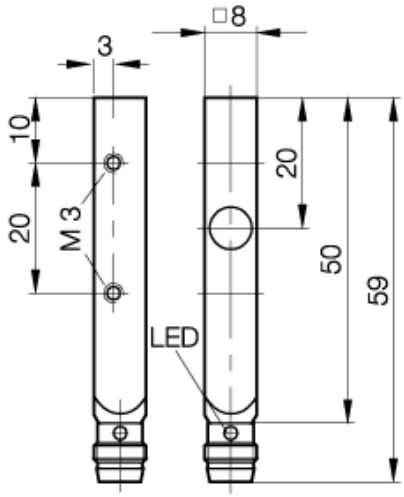
Inductive Sensors
BES 516-300-S 254-S 49

BALLUFF

Quadraform 8 x 8
Sn = 1,5 mm
DC 3-Wire
shielded



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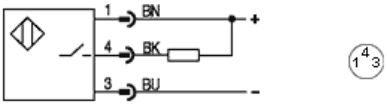

Utilization categories DC 13

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		I1C08AN2
Time delay before availability	ms	<= 10

Mechanical Data

Housing size	mm	Quadraform 8 x 8
Measurements BxHxT or DxT	mm	8 x 8 x 59
Housing material		Gd Zn Al
Material of sensing face		PA 12
Degree of protection		IP67
Connection		Connector S49

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	200
Supply voltage	V	10...30 DC
Ripple	%	<= 10
Rated supply frequency	Hz	1000
No-load supply current	mA	<= 20/<= 12
Off-state current	µA	<= 80
Voltage drop	V	<= 2.5/-
Short circuit protection		yes

EMV

ESD/RFI/Burst/IVW
Emission

21.01.2004 / Online-Information

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

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