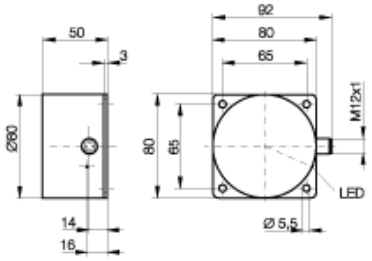
Inductive Sensors

BES IKG-040.38-G-S4

BALLUFF

Quadraform 80 x 80
Sn = 40 mm
DC 4-Wire
shielded



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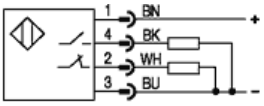

CE

Utilization categories DC 13

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

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Common Data

Mounting		shielded
Rated operating distance Sn	mm	40,0
Assured operating distance Sa	mm	0...32
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function indication		yes
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I1B80CP2

Mechanical Data

Housing size	mm	Quadraform 80 x 80
Measurements BxHxT or DxT	mm	80 x 80 x 50
Housing material		Aluminium
Material of sensing face		Plastic
Degree of protection		IP67
Connection		Connector S4

Electrical Data

Current type		DC
Wiring		4-Wire
switching function		Complementary
Output signal		PNP
Rated operational voltage	V	24 DC
Rated operational current	mA	200
Supply voltage	V	10...55 DC
Ripple	%	<= 15
Rated supply frequency	Hz	100
Minimum operational current	mA	1
No-load supply current	mA	<= 10 / <= 10
Off-state current	µA	-
Voltage drop	V	<= 2 / -
Short circuit protection		yes
Protected against polarity reversal		yes

16.03.2005 / Online-Information