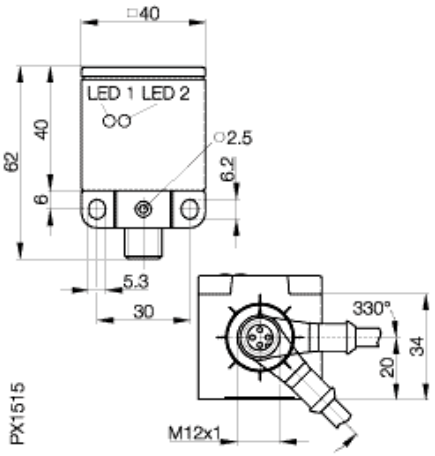
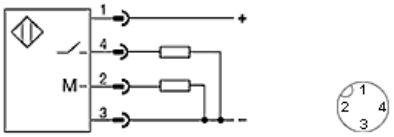
Inductive Sensors

BES Q40KFU-PSC15A-S04G-M01

BALLUFF
sensors worldwide

Quader 40 x 40
Sn = 15 mm
DC 3-Draht
flush





Utilization categories DC 13

Common Data

Mounting		flush
Rated operating distance Sn	mm	15,0
Assured operating distance Sa	mm	0...12,2
Repeatability	%	<= 5
Hysteresis	%	<= 15
Power indication		Ja
Function indication		Ja
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I1C40AP2
Time delay before availability	ms	<= 50
Particular characteristics		Faktor 1, magnetic field immune, diagnostic

Mechanical Data

Housing size	mm	Quader 40 x 40
Measurements BxHxT or DxT	mm	40 x 40 x 62
Housing material		PBT
Material of sensing face		PBT
Degree of protection		67
Connection		Stecker S4

Electrical Data

Current type		DC
Wiring		3-Draht
switching function		normally-open
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	13
No-load supply current	mA	<= 28
Off-state current	µA	<= 80
Voltage drop	V	<= 3,5
Short circuit protection		ja
Protected against polarity reversal		ja

EMV

ESD/RFI/Burst/IVW	4/2/4/2

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

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