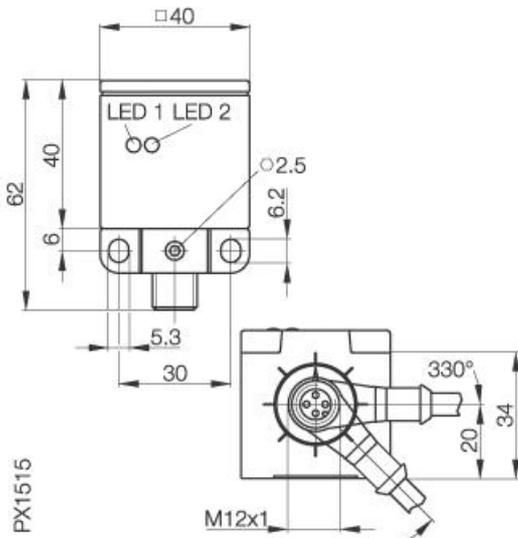


Inductive Sensors
BES Q40KFU-PSC15A-S04G-M01
40 x 40 x 62
normally-open
Sn=15mm
shielded
Factor 1, magnetic field immune, diagnostic



Common Data

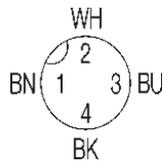
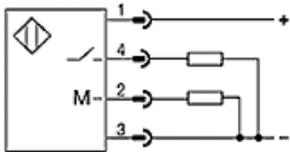
Mounting in steel	shielded
Rated operating distance Sn	15mm
Assured operating distance Sa	0...12,2mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Power indication	yes
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 50ms
Particular characteristics	Factor 1, magnetic field immune, diagnostic

Mechanical Data

Measurements BxHxT or DxT	40 x 40 x 62mm
Housing material	PBT
Material of sensing face	PBT
Degree of protection	IP67IP
Connection	Connector S4 (M12)
Schock: Halbsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

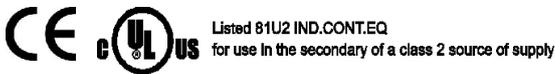
Electrical Data

Current type	DC
Wiring	3-Wire
switching function	normally-open
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
Ripple	≤ 15%
max. switching frequency	13Hz
No-load supply current	≤ 28mA
Off-state current	≤ 80µA
Voltage drop	≤ 3,5V
Short circuit protection	yes
Protected against polarity reversal	yes



Remarks

Magneticfield Immune up to 100 kA/m, Sn: reduced by the coating thickness of 0,3mm



Utilization categories DC 13
 Insulation class II

Datasheet number:

Definitions see general catalog.
 If not otherwise noted, ratings according to IEC 60947-5-2 (DIN EN60947-5-2)

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Datenblatt by CD-ROM - 04/2007

