

Inductive Sensors
BES Q40KFU-PSC40E-S04G
40 x 40 x 62
normally-open
Sn=40mm
unshielded
Factor 1, magnetic field immune

Common Data

Mounting in steel	unshielded
Rated operating distance Sn	40mm
Assured operating distance Sa	0...32,4mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Power indication	yes
Function indication	yes
Ambient temperature range	-10...+70°C
Polution Degree	3
Time delay before availability	≤ 30ms
Particular characteristics	Factor 1, magnetic field immune

Mechanical Data

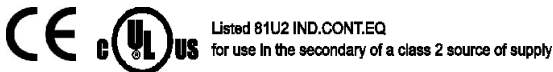
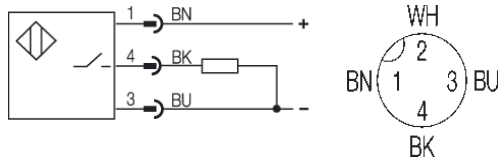
Measurements BxHxT or DxT	40 x 40 x 62mm
Housing material	PBTP
Material of sensing face	PBTP
Degree of protection	IP67IP
Connection	Connector S4 (M12)
Schock: Halbsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

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	250Hz
No-load supply current	≤ 20/≤ 15mA
Off-state current	≤ 80µA
Voltage drop	≤ 2.5/-V
Short circuit protection	yes
Protected against polarity reversal	yes

Remarks

When overload is removed, sensor resumed function



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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