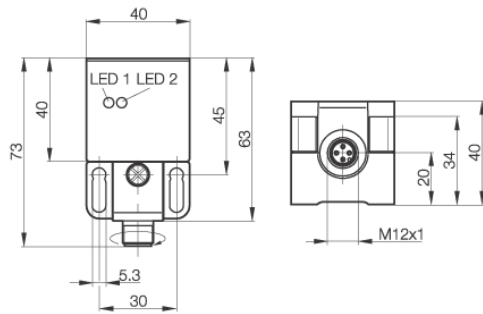


Inductive Sensors
BES Q40KEU-PAH25E-S04G
40 x 40 x 73
Complementary
Sn=25mm
unshielded
Factor 1



PX0851

Common Data

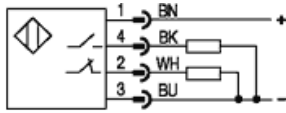
Product name	Unicomact
Mounting in steel	unshielded
Rated operating distance Sn	25mm
Assured operating distance Sa	0...20mm
Repeatability R	<= 10%
Hysteresis	<= 15%
Power indication	yes
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
IEC-Code	I2C40AP2
Time delay before availability	<= 30ms
Particular characteristics	Factor 1

Mechanical Data

Measurements BxHxT or DxT	40 x 40 x 73mm
Housing material	PBTP/Gd ZnAl4Cu1
Material of sensing face	PBTP
Degree of protection	IP67IP
Connection	Connector S4
Schock: Halfsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

Electrical Data

Current type	DC
Wiring	4-Wire
switching function	Complementary
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...55 DCV
Ripple	<= 15%
max. switching frequency	700Hz
No-load supply current	<= 25/<= 15mA
Off-state current	<= 80µA
Voltage drop	<= 2V
Short circuit protection	yes
Protected against polarity reversal	yes



Utilization categories
 Insulation class

DC 13
 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 - 10/2004

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