

## Inductive Sensors

### BES Q40KEU-NAH20B-S04G-001

#### 40 x 40 x 73

#### Complementary

#### Sn=20mm

#### shielded

### Common Data

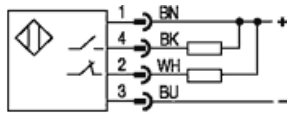
Product name	Unicompact
Mounting in steel	shielded
Rated operating distance Sn	20mm
Assured operating distance Sa	0...16mm
Repeatability R	<= 5%
Hysteresis	<= 15%
Power indication	yes
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
IEC-Code	I1C40AN2
Time delay before availability	<= 30ms

### 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: Halbsinus, 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	NPN
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...55 DCV
Ripple	<= 15%
max. switching frequency	50Hz
No-load supply current	<= 20/<= 15mA
Off-state current	<= 80µA
Voltage drop	<= 2.5/-V
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)

Balluff GmbH  
P.O.Box 1160  
73761 Neuhausen Germany  
Phone (07158) 173-0 Fax (07158) 5010

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