

Inductive Sensors
BES Q40KEU-USU25F-S27G
40 x 40 x 73
normally-open
Sn=25mm
unshielded

Common Data

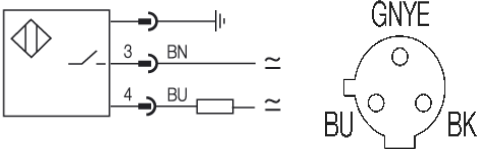
Product name	Unicomcompact
Mounting in steel	unshielded
Rated operating distance Sn	25mm
Assured operating distance Sa	0...20.2mm
Repeatability R	≤ 5%
Hysteresis	≤ 20%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 100ms

Mechanical Data

Measurements BxHxT or DxT	40 x 40 x 73mm
Housing material	PBT/Gd ZnAl4Cu1
Material of sensing face	PBT
Degree of protection	IP67IP
Connection	Connector S27
Schock: Halbsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

Electrical Data

Current type	AC/DC
Wiring	2-Wire
switching function	normally-open
Rated operational voltage	110 ACV
Rated operational current	250mA
Supply voltage	20...250 AC/DCV
Rated supply frequency	50/60/DCHz
max. switching frequency	100Hz
Minimum operational current	5mA
No-load supply current	-mA
Off-state current	≤ 1700µA
Maximum operational current	2/1mA
Voltage drop	≤ 11/≤ 7.5V
Short circuit protection	yes
Protected against polarity reversal	yes



Utilization categories AC
 140/DC 13
 Insulation class I

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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