

PX0870

Inductive Sensors
BES IKJ-S-050-P-2-S-S4-C
D80 x 67
normally-open
Sn=50mm
unshielded

Common Data

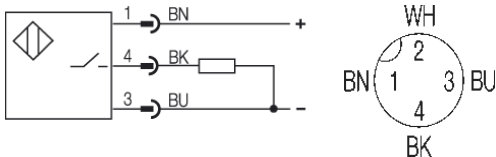
Mounting in steel	unshielded
Rated operating distance Sn	50mm
Assured operating distance Sa	0...40.0mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3

Mechanical Data

Measurements BxHxT or DxT	D80 x 67mm
Housing material	Plastic
Material of sensing face	Plastic
Degree of protection	IP67IP
Connection	Connector S4 (M12)
Schock: Halfsinus, 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...55 DCV
Ripple	≤ 15%
max. switching frequency	100Hz
Minimum operational current	1.0mA
No-load supply current	≤ 10/≤ 10mA
Off-state current	-µA
Voltage drop	≤ 2.0/-V
Short circuit protection	yes
Protected against polarity reversal	yes



Utilization categories
 Insulation class

DC 13

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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