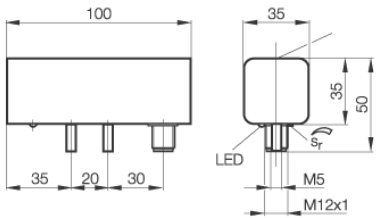


**Inductive Sensors**  
**BES IKU-011-P1S-S4-SA1**  
**35 x 100 x 35**  
**normally-open**  
**Sn=30mm**  
**unshielded**



PXI128

**Common Data**

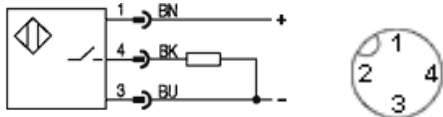
Mounting in steel	unshielded
Rated operating distance Sn	30mm
Assured operating distance Sa	0...24mm
Repeatability R	<= 5%
Hysteresis	<= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
IEC-Code	I2D35AP2
Time delay before availability	-ms

**Mechanical Data**

Measurements BxHxT or DxT	35 x 100 x 35mm
Housing material	Plastic
Material of sensing face	Plastic
Degree of protection	IP65IP
Connection	Connector S4
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	12...24 DCV
Rated operational current	200mA
Supply voltage	10...30 DCV
Ripple	<= 15%
max. switching frequency	50Hz
No-load supply current	<= 10<= 10mA
Off-state current	-µA
Voltage drop	<= 2/-V
Short circuit protection	no
Protected against polarity reversal	yes



Utilization categories DC 13  
 Insulation class -

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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