

Inductive Sensors
BES IKU-215,38-G-S 4
150 x 280 x 72
Complementary
Sn=120mm
unshielded

Common Data

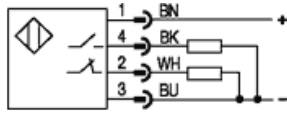
Mounting in steel	unshielded
Rated operating distance Sn	120mm
Assured operating distance Sa	0...97.0mm
Repeatability R	<= 5%
Hysteresis	<= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
IEC-Code	I2D00CP2

Mechanical Data

Measurements BxHxT or DxT	150 x 280 x 72mm
Housing material	Plastic
Material of sensing face	Plastic
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	12...24 DCV
Rated operational current	200mA
Supply voltage	10...55 DCV
Ripple	<= 15%
max. switching frequency	25Hz
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)

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

Datenblatt by CD-ROM - 10/2004

