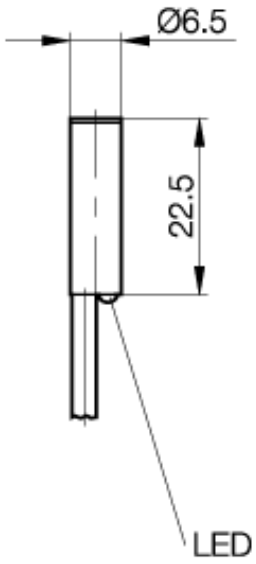
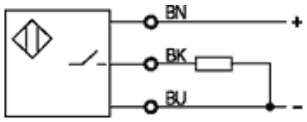
Inductive Sensors
BES 516-371-SA 10-PU
D6.5 x 22.5
normally-open
Sn=1,5mm
shielded



PX0132



Common Data

Mounting in steel	shielded
Rated operating distance Sn	1,5mm
Assured operating distance Sa	0...1.2mm
Repeatability R	<= 5%
Hysteresis	<= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
IEC-Code	I1B06AP1
Time delay before availability	<= 10ms

Mechanical Data

Measurements BxHxT or DxT	D6.5 x 22.5mm
Housing material	nickel plated brass
Material of sensing face	PBTB
Degree of protection	IP67IP
Connection	Cable
Cable type	LifY-11Y-O

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 opertional voltage	24 DCV
Rated opertional current	200mA
Supply voltage	10...30 DCV
Ripple	<= 15%
max. switching frequency	1500Hz
No-load supply current	<= 2/<= 10mA
Off-state current	<= 80µA
Voltage drop	<= 2.5/-V
Short circuit protection	yes
Protected against polarity reversal	yes

CE

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)

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