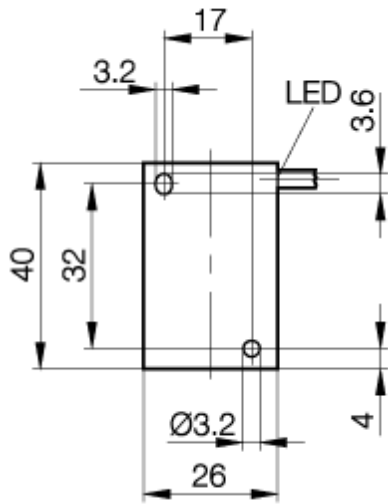
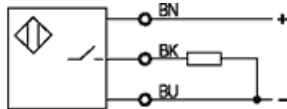


Inductive Sensors
BES 517-3034-M1-Y
12 x 40 x 26
normally-open
Sn=4mm
unshielded



PX0518



Common Data

Product name	Midisensor
Mounting in steel	unshielded
Rated operating distance Sn	4mm
Assured operating distance Sa	0...3.2mm
Repeatability R	<= 5%
Hysteresis	<= 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
IEC-Code	I2D12AP1
Time delay before availability	<= 10ms

Mechanical Data

Measurements BxHxT or DxT	12 x 40 x 26mm
Housing material	Plastic (PBTP)
Material of sensing face	PBTP
Degree of protection	IP67IP
Connection	Cable
Cable type	LiYY-O
Shock: 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	130mA
Supply voltage	10...30 DCV
Ripple	<= 15%
max. switching frequency	800Hz
No-load supply current	<= 25/<= 15mA
Off-state current	<= 80µA
Voltage drop	<= 3.5/-V
Short circuit protection	yes
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)

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

Datenblatt by CD-ROM - 10/2004

