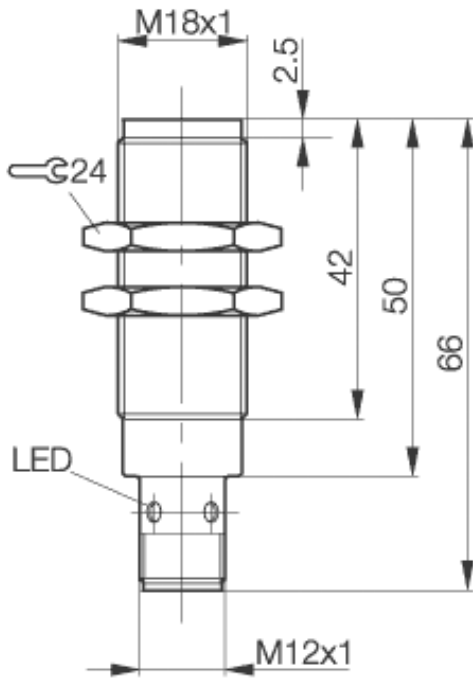


Inductive Sensors
BES M18EG1-PSC50N-S04G-S
M18x1 x 66
normally-open
Sn=5mm
shielded



PX1911

Common Data

Mounting in steel	shielded
Rated operating distance Sn	5mm
Assured operating distance Sa	0...4.1mm
Repeatability R	≤ 5%
Hysteresis	≤ 10%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 20ms

Mechanical Data

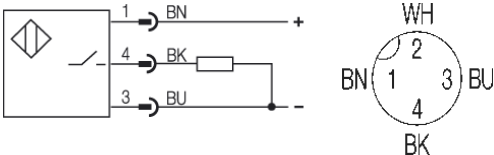
Measurements BxHxT or DxT	M18x1 x 66mm
Housing material	Stahl nichtrostend
Material of sensing face	Stahl nichtrostend
Degree of protection	IP67IP
Connection	Connector S4 (M12)
Schock: Halbsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

Electrical Data

Current type	DC
Wiring	3-Wire
switching function	normally-open
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	100mA
Supply voltage	10...30 DCV
Ripple	≤ 15%
max. switching frequency	15Hz
No-load supply current	≤ 10/≤ 10mA
Off-state current	≤ 10µA
Voltage drop	≤ 2V
Short circuit protection	yes
Protected against polarity reversal	yes

Remarks

Damping: Non-Ferrous



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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Datenblatt by CD-ROM - 04/2007

