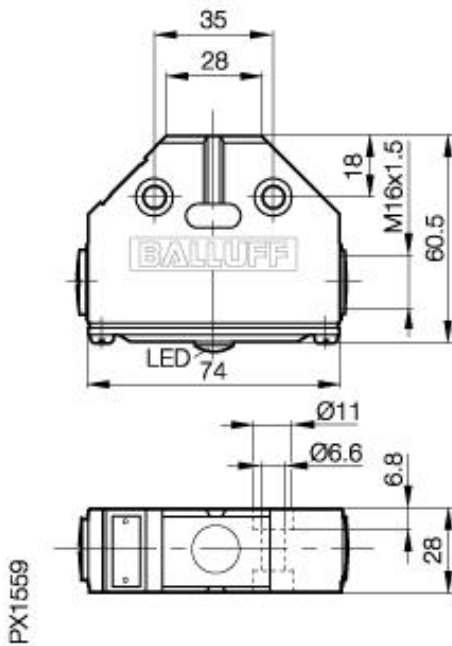


**Inductive Sensors**  
**BES 516-160-H3-L**  
**28 x 74 x 60.5**  
**Complementary**  
**Sn=7mm**  
**shielded**



**Common Data**

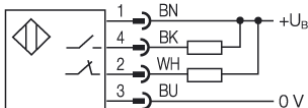
Product name	H1
Mounting in steel	shielded
Rated operating distance Sn	7mm
Assured operating distance Sa	0...5.6mm
Repeatability R	≤ 5%
Hysteresis	≤ 15%
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 10ms

**Mechanical Data**

Measurements BxHxT or DxT	28 x 74 x 60.5mm
Housing material	Gd Al Si 12
Material of sensing face	PA 12
Degree of protection	IP67IP
Connection	Screw terminals
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	NPN
Rated operational voltage	24 DCV
Rated operational current	400mA
Supply voltage	10...30 DCV
Ripple	≤ 15%
max. switching frequency	300Hz
No-load supply current	≤ 30/≤ 20mA
Off-state current	≤ 130µA
Voltage drop	≤ 1.5/-V
Short circuit protection	no
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)

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