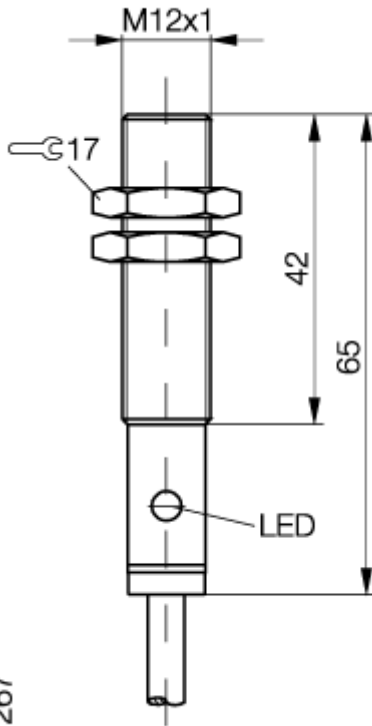


M12x1  
 Sn = 100 mm



PX1267



Utilization categories DC13  
 Insulation class 1

If not differently indicated,  
 all values by IEC 947-5-2 (DIN EN60947-5-2)

Sensing distance measured with :  
 Kodak white card 100mm x 100mm, 90% reflection  
 Specifications subject to change

Balluff GmbH  
 Postfach 1160  
 73761 Neuhausen  
 Telefon (07158) 173-0  
 Telefax (07158) 5010

**Common Data**

Switching frequency		200 Hz
Rated operating distance Sn	mm	100
Assured operating distance Sa	mm	80% from Sn
Repeat accuracy		< 5% from Sn
Hysteresis		< 10%
Indication switching element		yes, yellow LED
Ambient temperature	°C	-15...+55°C
On/Off-delay		< 2,5ms
Light		Infrared
Blind zone / min reflectore distance		1 mm
Permissable ambient light	lux	5000

**Mechanical Data**

Measurements BxHxT or DxT	mm	M12x65
Shock test (EN 60068-2-27)		Halfsinus, 30gn, 11ms
Vibration test (EN 60068-2-6)		10...55Hz, 1,5mm Amplitude 3x2h
Housing material		nickel plated brass
Material of sensing face		PMMA
Degree of protection	IP	IP67
Connection		Cable, 3m
Weight		136g with 3m Cable
Type of cable		PVC

**Electric Data**

Current		DC
Switching function		normally-closed
Output		PNP
Rated operational current Ie	mA	200mA
Supply voltage	V	10...30V DC
Ripple	%	< 10% from UB
No-load supply current	mA	<20
Voltage drop	V	<2,5V
Short protection		yes
Protectde against polarity rev		yes
Rated insulation voltage		250V AC
Output resistance		33kOhm
max. load capacity		1µF

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