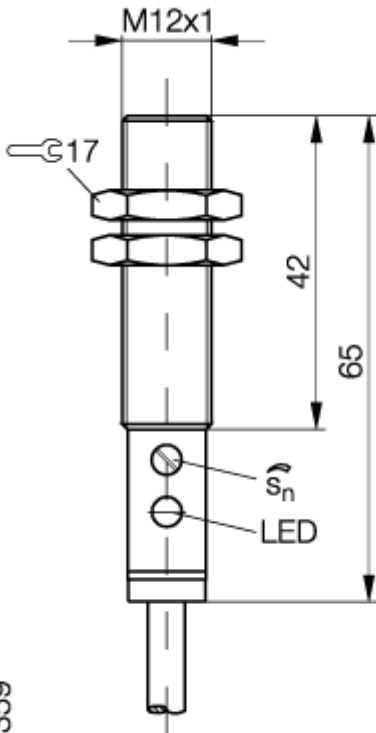


Diffuse  
 M12x1  
 Sn = 400 mm



PX1359



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 200mm x 200mm, 90% reflection  
 Specifications subject to change

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

**Common Data**

Sensortype	Diffuse
Switching frequency	200 Hz
Rated operating distance Sn	mm 400
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
Sensitivity adjustment	Potl
Blind zone / min reflectore distance	1 mm
Permissible ambient light	lux 5000

**Mechanical Data**

Measurements BxHxT or DxT	mm	M12x70
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
Weight		136g with 3m Cable

**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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