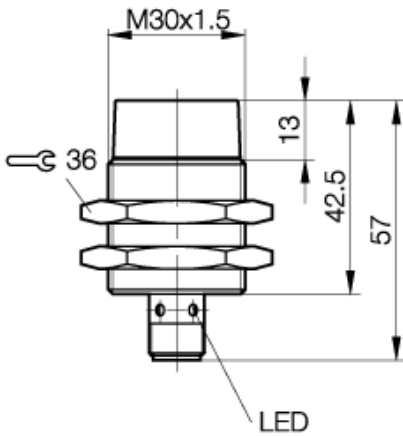


cyl. M30
 Sn = 15 mm
 DC 3-Wire
 unshielded



PX0471a



Utilization categories DC 13

If not differently indicated,
 all values by IEC 60947-5-2 (DIN EN60947-5-2)
 Specifications subject to change

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 Postfach 1160
 73761 Neuhausen
 Telefon (07158) 173-0
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Common Data

Mounting		unshielded
Rated operating distance Sn	mm	15,0
Assured operating distance Sa	mm	0...12.2
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function Indication		yes
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I2A30AN2
Time delay before availability	ms	<= 10

Mechanical Data

Housing size	mm	cyl. M30
Measurements BxHxT or DxT	mm	M30x1.5 x 57
Housing material		nickel plated brass
Material of sensing face		PA 12
Degree of protection		IP67
Connection		Connector S4

Electrical Data

Current type		DC
Wiring		3-Wire
switching function		normally-open
Output signal		NPN
Rated operational voltage	V	24 DC
Rated operational current	mA	130
Supply voltage	V	10...30 DC
Ripple	%	<= 15
Rated supply frequency	Hz	100
No-load supply current	mA	<= 25 / <= 12
Off-state current	µA	<= 80
Voltage drop	V	<= 3.5/-
Short circuit protection		yes
Protected against polarity reversal		yes

EMV

ESD/RFI/Burst/IVW
 Emission

21.01.2004 / Online-Information