

Diffuse
M18x1
Sn = 400 mm

Common Data

Sensortype	Diffuse
Switching frequency	500 Hz
Rated operating distance Sn	400 mm
Assured operating distance Sa	adjustable mm
Repeat accuracy	< 5% from Sn
Hysteresis	< 25%
Indication supply voltage	no
Indication switching element	yes
Indication special function	contamination Indicator
Ambient temperature	°C -15...+55°C
On/Off-delay	1ms
Light	Infrared
Sensitivity adjustment	Teach In
Permissible ambient light	lux 5000

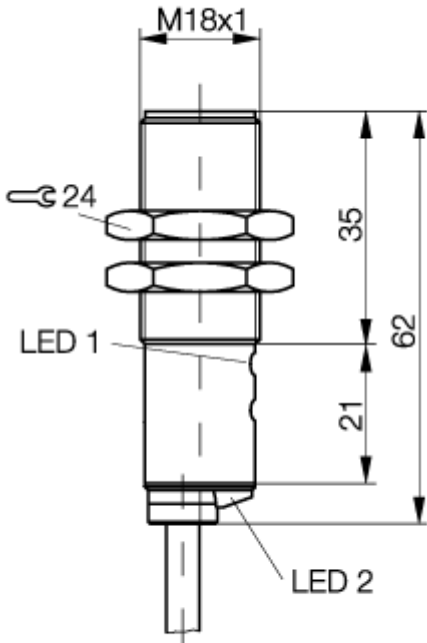
Mechanical Data

Measurements BxHxT or DxT	mm	M18x62
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		140g
Type of cable		PVC

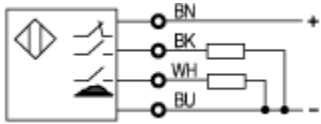
Electric Data

Current	DC
Switching function	switchable
Output	PNP
Rated operational voltage Ue	V 24V DC
Rated operational current Ie	mA <200mA
Supply voltage	V 10-30V
Ripple	% < 10% from UB
No-load supply current	mA 25mA
Voltage drop	V <2,5V
Short protection	yes
Protectde against polarity rev	yes
Rated insulation voltage	75V DC
Output resistance	33kOhm
max. load capacity	0,5µF

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PX1458



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

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