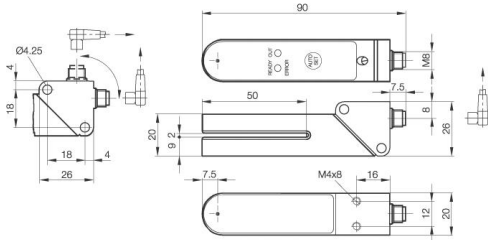


PX1124



Photoelectric Sensor BGL 21-AH Sn=2mm Fork-through-beam

Common Data

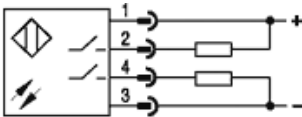
Series	BGL
Sensortype	Fork-through-beam
Switching frequency	10000 Hz
Rated operating distance Sn in mm	2
asured operating distance Sa	2
Indication Supply Voltage	yes, green LED
Indication Switching element on	yes, yellow LED
Indication Special funktion	yes, red LED (Error)
Ambient temperature	-10...+55°C
On-delay	80µs
Off-delay	80µs
Light	Red + Green
Sensitivity Adjustment	Teach in
Permissible ambient light	3000 Lux
Output function	light-on or dark-on

Mechanical Data

Measurements	90x20x26
Shock	Halfsinus, 30gn, 11ms
Vibration	10...55Hz, 1,5mm Amplitude 3x2h
Housing material	anodized aluminium
Material of sensing face	Glass
Degree of protection	IP65
Connection	Connector S75 (M8,4-pin)
Weigth	100g

Electrical Data

Current	DC
Switching function	normally-open
Output	PNP/NPN
Rated operational voltage Ue	24V DC
Rated operational current Ie	100mA
Supply Voltage	10...30V DC
Ripple	< 6%
Frequency of Supply Voltage	DC
No-load supply current	<55mA
Voltage drop	<1,2V
Short protection	yes
Protected against polarity reversal	yes
Rated insulation voltage	75V DC
max. Load capacity	1µF



Utilization categories
Insulation class

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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Datenblatt by CD-ROM - 04/2007

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