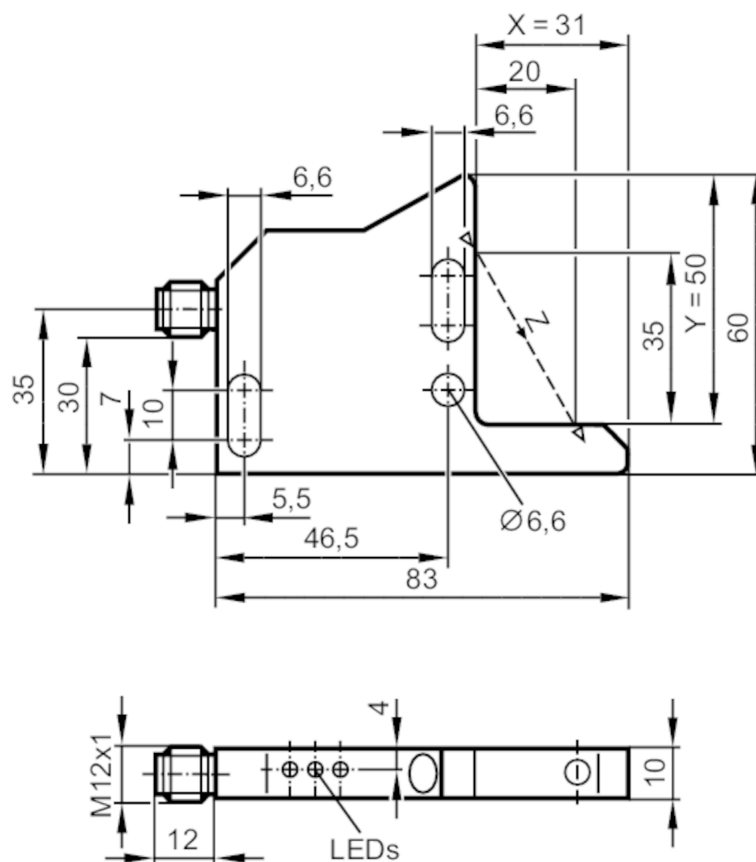


Photoelectric angle sensor

OPL-DPKG/US



Product characteristics

Type of light	infrared light
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Application

Special feature	Function check output
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Electrical data

Operating voltage	[V]	10...35 DC; ("supply class 2" to cULus)
Current consumption	[mA]	< 45
Protection class		III
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	870

Outputs

Electrical design		PNP
Output function		dark-on mode
Max. voltage drop switching output DC	[V]	2
Function check output		yes
Max. current load for function check output	[mA]	200



Photoelectric angle sensor

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Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	200
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Operating conditions

Ambient temperature	[°C]	-10...60
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[years]	951

Mechanical data

Weight	[g]	134.5
Dimensions	[mm]	60 x 10 x 83
Side length X	[mm]	31
Side length Y	[mm]	50
Sensor width Z	[mm]	40.31
Materials		housing: diecast zinc; lens: glass

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, yellow

Remarks

Pack quantity	1 pcs.
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Electrical connection

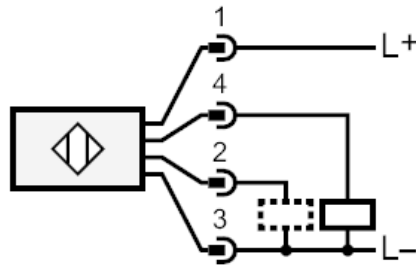
Connector: 1 x M12; coding: A



Photoelectric angle sensor

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Connection



2

Function check output