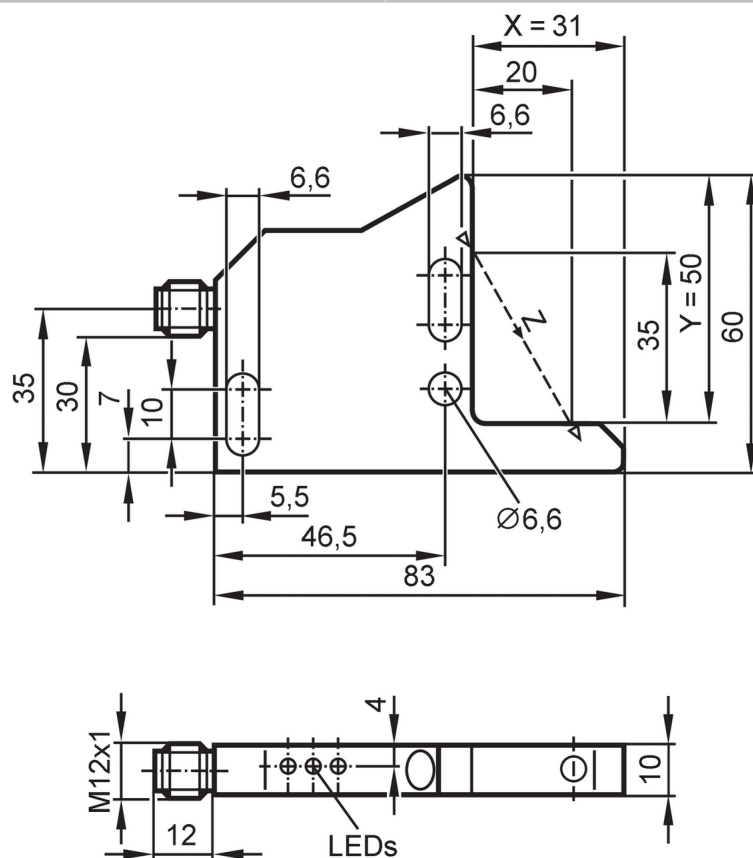




Photoelectric angle sensor

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; (cULus - Class 2 source required)
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
Permanent current rating of switching output DC	[mA]	200

OPL205



Photoelectric angle sensor

OPL-DPKG/US

Switching frequency DC	[Hz]	200
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
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
Material		housing: diecast zinc; lens: glass

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Function	1 x LED, yellow

Remarks		
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection

