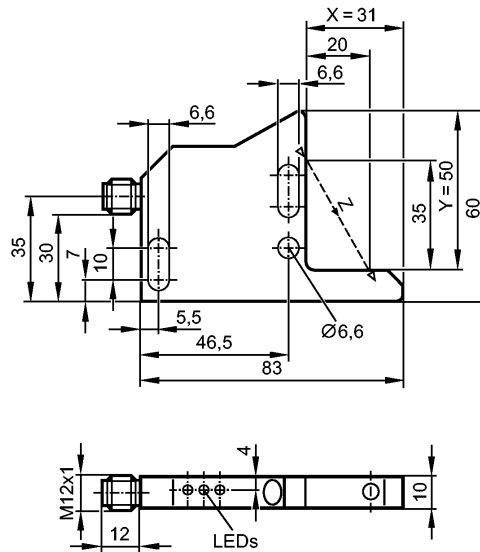


OPL205

OPL-DPKG/US

Photoelectric sensors



Made in Germany



Product characteristics

Optical angle sensor

Connector

Function check output

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...35 DC
Current consumption [mA]	< 45
Type of light	Infrared light 870 nm
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	dark-on mode
Voltage drop [V]	< 2.0
Current rating	
- Switching output [mA]	200
- Function check output [mA]	200
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	200

Environment

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

Tests / approvals

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

Mechanical data

Side length X [mm]	31
Side length Y [mm]	50
Sensor width Z [mm]	40.31

OPL205

OPL-DPKG/US

Photoelectric sensors

Housing materials		housing: diecast zinc
Weight	[kg]	0.133

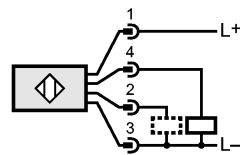
Displays / operating elements

Output status indication	LED	yellow
Operation	LED	green
Function display	LED	yellow

Electrical connection

Connection		M12 connector
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Wiring



2 function check

Remarks

Pack quantity	[piece]	1
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