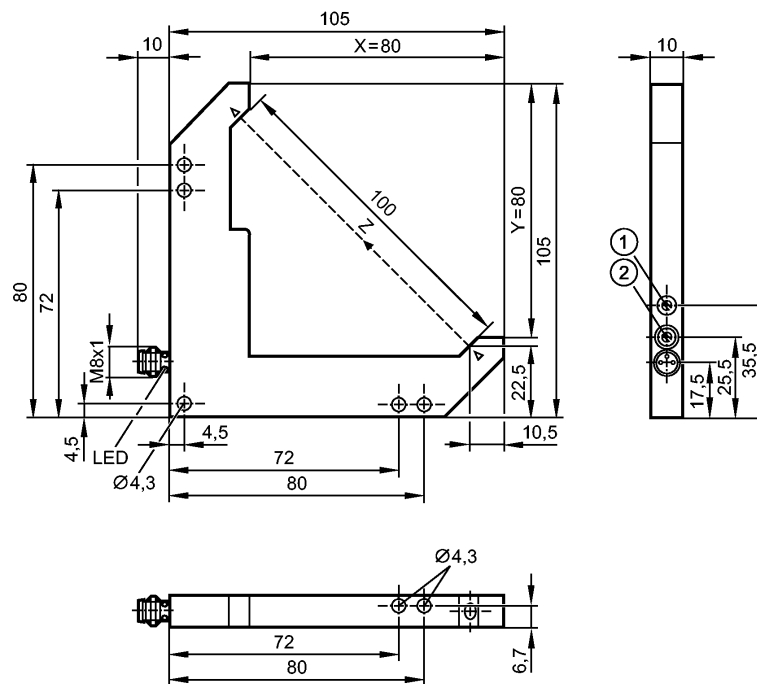


OPL203

OPL-FNKG/AS

Photoelectric sensors



1: potentiometer sensitivity

2: output function switch



Made in Germany

Product characteristics

Optical angle sensor

Connector

Electrical data

Electrical design	DC NPN
Operating voltage [V]	10...35 DC
Current consumption [mA]	< 30
Type of light	Red light
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	light-on/dark-on mode selectable
Voltage drop [V]	< 2.8
Current rating [mA]	200
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	4000

Range

Smallest detectable object [Ø in mm]	0.7
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Environment

Ambient temperature	[°C]	-25...60
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	571

OPL203

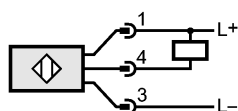
OPL-FNKG/AS

Photoelectric sensors

Mechanical data		
Side length X	[mm]	80
Side length Y	[mm]	80
Sensor width Z	[mm]	100
Housing materials	housing: diecast zinc black anodised	
Weight	[kg]	0.15

Displays / operating elements		
Output status indication	LED	yellow

Electrical connection		
Connection	M8 connector	

Wiring


Remarks		
Pack quantity	[piece]	1