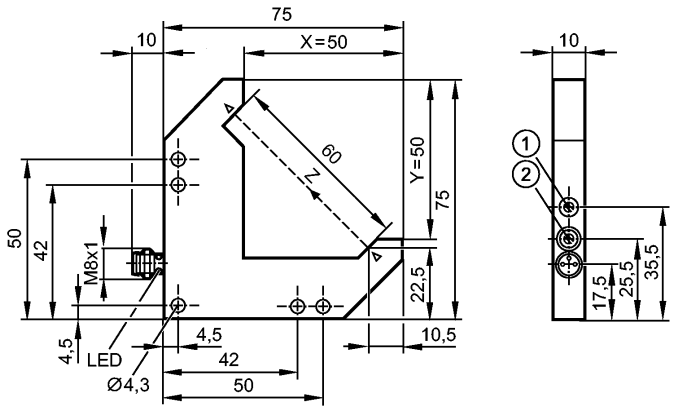
efector200

OPL200

OPL-FPKG/AS

Photoelectric sensors



1: potentiometer sensitivity
2: output function switch

Product characteristics		
Optical angle sensor		
Connector		
Electrical data		
Electrical design		DC PNP
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	[mm]	0.5
Environment		
Ambient temperature	[°C]	-25...60
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[Years]	572
Mechanical data		
Side length X	[mm]	50
Side length Y	[mm]	50
Sensor width Z	[mm]	60
Housing materials		housing: diecast zinc black anodised; lens: glass
Weight	[kg]	0.115
Displays / operating elements		

OPL200

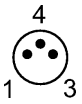
OPL-FPKG/AS

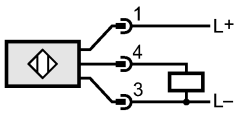
Output status indication	LED	yellow

Electrical connection

Connection	M8 connector

Wiring





Remarks

Pack quantity	[piece]	1