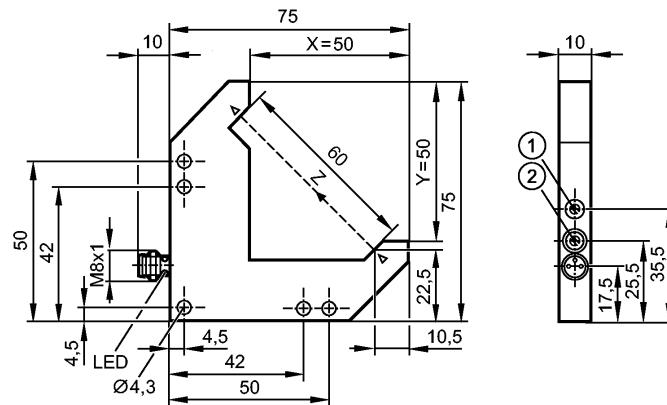




1: potentiometer sensitivity
2: output function switch



Made in Germany

Product characteristics

Optical angle sensor

Connector

Electrical data

Electrical design

Operating voltage [V]

DC NPN

Current consumption [mA]

10...35 DC

Type of light

< 30

Protection class

red light

Reverse polarity protection

III

Outputs

Output function

yes

Voltage drop [V]

light-on/dark-on mode selectable

Current rating [mA]

< 2.8

Short-circuit protection

200

Overload protection

pulsed

Switching frequency [Hz]

yes

Range

Smallest detectable object [Ø in mm]

4000

Environment

Ambient temperature [°C]

0.5

Protection

-25...60

Tests / approvals

IP 67

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

Weight [kg]

0.099

Displays / operating elements

Output status indication LED

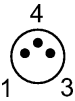
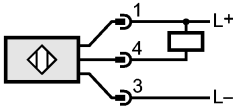
yellow

Electrical connection

Connection

M8 connector

Wiring



Remarks		
Pack quantity	[piece]	1
ifm electronic gmbh • Friedrichstraße 1 • 45128 Essen — We reserve the right to make technical alterations without prior notice. — GB — OPL202 — 20.02.2009		