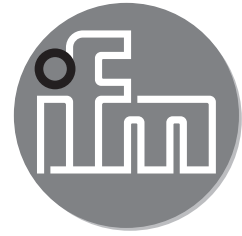


ifm electronic



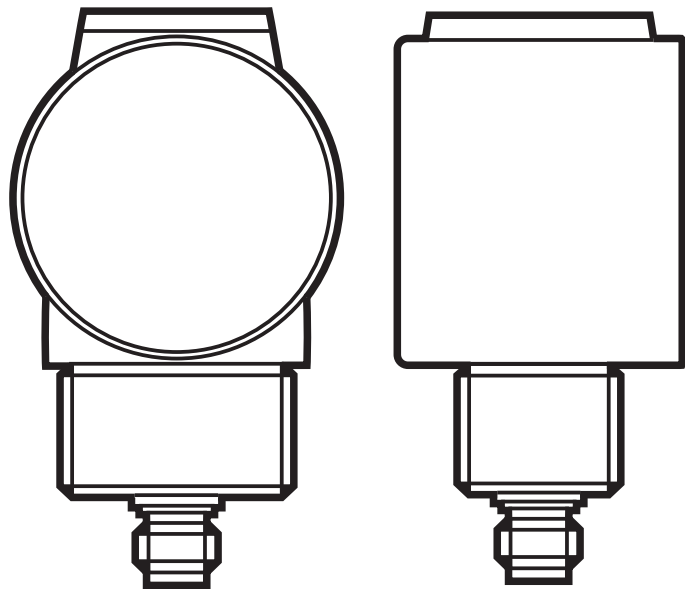
Operating instructions
Retro-reflective sensor

efector200[®]

OIP2xx

UK

7200013 / 00 07 / 2012



1 Preliminary note

1.1 Symbols used

- ▶ Instruction
- > Reaction, result
- [...] Designation of pushbuttons, buttons or indications
- Cross-reference



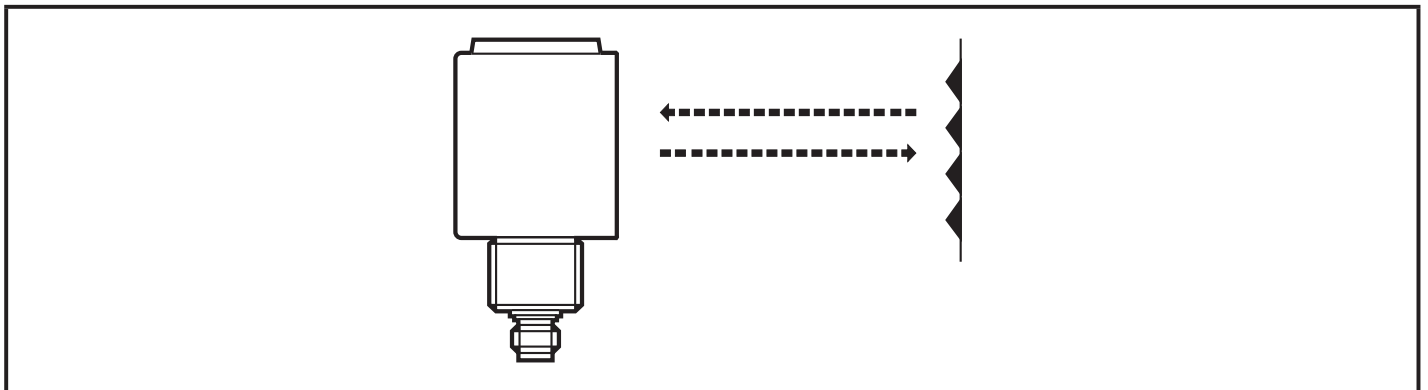
Important note
Non-compliance can result in malfunctions or interference.

2 Functions and features

In conjunction with a prismatic reflector or reflective tape the retro-reflective sensor detects objects and materials without contact and indicates their presence by a switching signal.

Range: (→ type label).

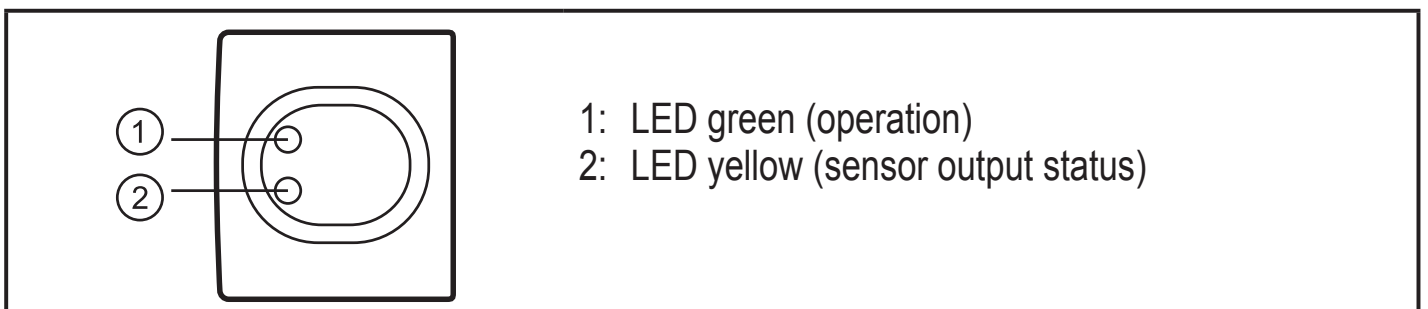
3 Installation



- ▶ Fit the prismatic reflector or the reflective tape behind the object to be detected.
- ▶ Align the retro-reflective sensor to it and secure it to a bracket.

Maximum range only with accurate alignment.

4 Operating and display elements



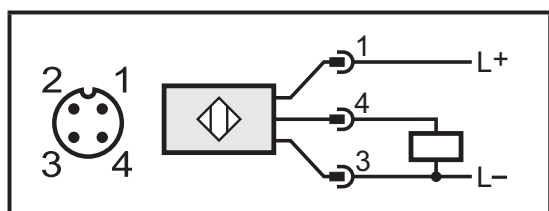
5 Electrical connection



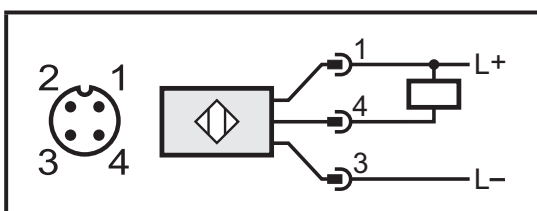
The unit must be connected by a qualified electrician.

- ▶ The national and international regulations for the installation of electrical equipment must be adhered to.
- ▶ Ensure voltage supply to EN 50178.
- ▶ Disconnect power.
- ▶ Connect the unit as follows:

PNP



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UK

6 Operation

- ▶ Check whether the unit operates correctly.
- > The yellow LED is lit when the switching output is switched.
- > The green LED is lit when the sensor is ready for operation.

7 Maintenance, repair, disposal

- ▶ Keep the lens of the sensor free from soiling.
- ▶ For cleaning do not use any solvents or cleaning agents which could damage the plastic parts.
- ▶ After use dispose of the unit in an environmentally friendly way in accordance with the applicable national regulations.

Faulty sensors must only be repaired by the manufacturer.

Technical data and further information at www.ifm.com