

ifm electronic



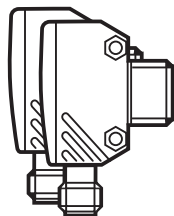
Operating instructions  
Through-beam sensor

**efector200**

**OGE08x**

**OGS08x**

UK

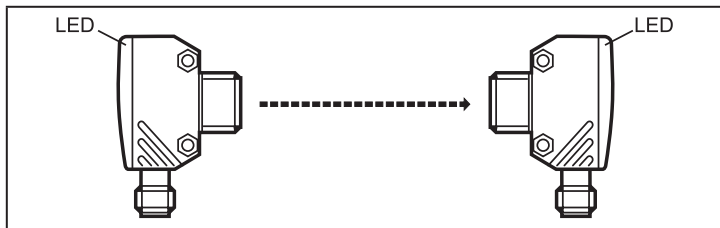


# 1 Functions and features

The through-beam sensor detects objects and materials without contact and indicates their presence by a switching signal.


For the range see the type label.

# 2 Installation

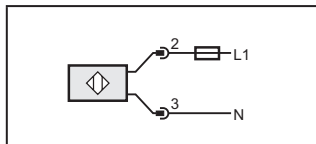


- ▶ Install the receiver (OGE08x) and secure it to a bracket.
- ▶ Align the transmitter (OGS08x) to the receiver and secure it also to a bracket.
- > Maximum range only with accurate alignment.

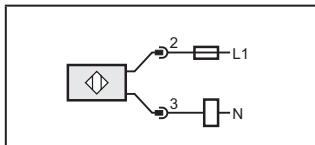
# 3 Electrical connection

- ▶ Disconnect power.
  - ▶ Connect the unit as follows.
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- ▶ The device shall be protected by a Listed fuse rated 2A max
  - ▶ Recommendation: check the unit for reliable function after a short circuit

## 3.1 Transmitter



## 3.2 Receiver



## 4 Operation

Check whether the sensor operates correctly.

- Receiver (OGE08x): The yellow LED is lit when the switching output is switched.
- Transmitter (OGS08x): The green LED is lit when the sensor is ready for operation.

## 5 Maintenance

- ▶ Keep the lens of the sensor free from soiling.
- ▶ For cleaning do not use any solvents or cleaning agents which could damage the plastic material.