



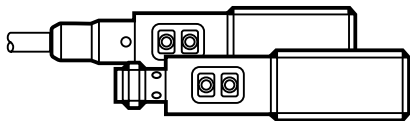
Operating instructions
Diffuse reflection sensor

UK

OGT3xx

OGT5xx

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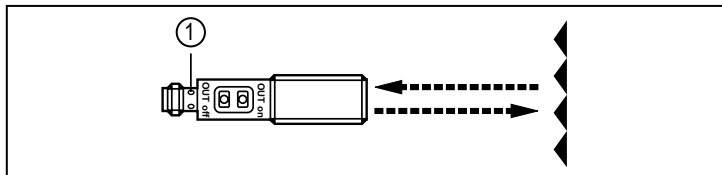


Functions and features

The diffuse-reflection sensor detects objects and materials without contact and indicates their presence by a switched signal.

Range: see type label.

Installation



1: LED

▶ Align the photocell and fasten to a mounting device.

Electrical connection



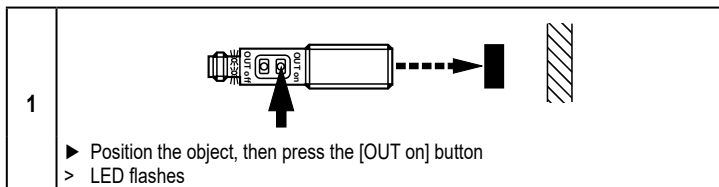
- ▶ Disconnect power.
- ▶ Connect the unit as follows.

	Cable	Connector	Pin connection
L+	BN	pin 1	
L-	BU	pin 3	
load	BK	pin 4	
—	—	pin 2	

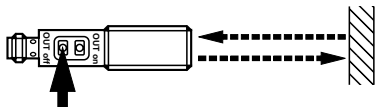
Core colours BN = brown, BU = blue, BK = black

Setting of sensitivity and output function

The sensor is to switch when the object is detected:



2



- ▶ Remove the object, then press the [OUT off] button
- > LED goes out

The sensor is to switch when no object is detected:

1. Press the [OUT on] button when no object is present.
2. Position the object and press the [OUT off] button.

UK

Setting of the maximum sensitivity

The sensor is to switch when the object is detected:

- ▶ Align the unit so that no light is reflected.
- ▶ First press the [OUT on] button then the [OUT off] button.

The sensor is to switch when no object is detected:

- ▶ Align the unit so that no light is reflected.
- ▶ First press the [OUT off] button then the [OUT on] button.

Lock or unlock the push buttons:

- ▶ Press both buttons for 10 s.
- > Acknowledgement is indicated by a change of the yellow LED status.

Programming failed:

- > The yellow LED flashes quickly (8 Hz).
 - Measured value difference too small.
 - Max. programming time of 15 min. exceeded.

Operation

- The LED is lit when the output is switched.

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 lenses.