

SENSITIVITY ADJUSTMENT

1 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.

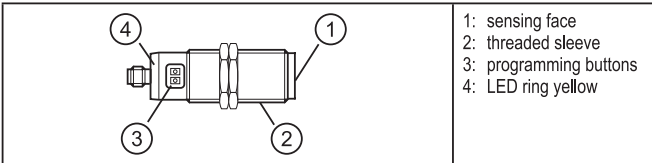
- ▶ Disconnect power
- ▶ Connect the unit



1: miniature fuse

! Use a miniature fuse according to the technical data sheet, if specified.
Units in 2-wire technology:
The unit is not short-circuit proof and not overload protected. Check the safe functioning of the unit after a short circuit.
The unit is a class A product to CISPR 11. The unit may cause radio interference in domestic areas. Therefore the user may have to take appropriate measures, if necessary.

2 Operating and display elements



- 1: sensing face
- 2: threaded sleeve
- 3: programming buttons
- 4: LED ring yellow

3 Settings

Basic teach empty state

Using the basic teach empty state the unit suppresses the installation environment. The basic teach empty state resets the unit, an adjustment teach already carried out is deleted.

▶ Empty the tank until the level is at least 20 mm below the sensor	
Set the unit as normally open (output closes when the tank is full): ▶ Press [OUT OFF] for min. 2 s (max. 6 s). > While pressing the pushbutton the LED flashes slowly. After releasing the pushbutton, the LED goes out.	
Set the unit as normally closed (output opens when the tank is full): ▶ Press [OUT ON] for min. 2 s (max. 6 s). > While pressing the pushbutton the LED flashes slowly. After releasing the pushbutton, the LED lights continuously.	

The unit is now ready for operation. For the detection of media with a low dielectric constant (e.g. plastic granulates or oils) no further setting is required.

Adjustment teach full state

Necessary for aqueous media. The sensitivity of the unit is optimised. Later on, the adjustment teach full state can be repeated at any time, an adjustment teach empty state already carried out is not affected.

▶ Fill the tank until the sensing face of the unit is covered. > For NO the LED lights, for NC it goes out.	
Set the unit as normally open (output closes when the tank is full): ▶ Press [OUT ON] for min. 6 s. > While pressing the pushbutton the LED first flashes slowly, after 6 s more quickly. After releasing the pushbutton, the LED lights continuously.	
Set the unit as normally closed (output opens when the tank is full): ▶ Press [OUT OFF] for min. 6 s. > While pressing the pushbutton the LED first flashes slowly, after 6 s more quickly. After releasing the pushbutton, the LED goes out.	

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