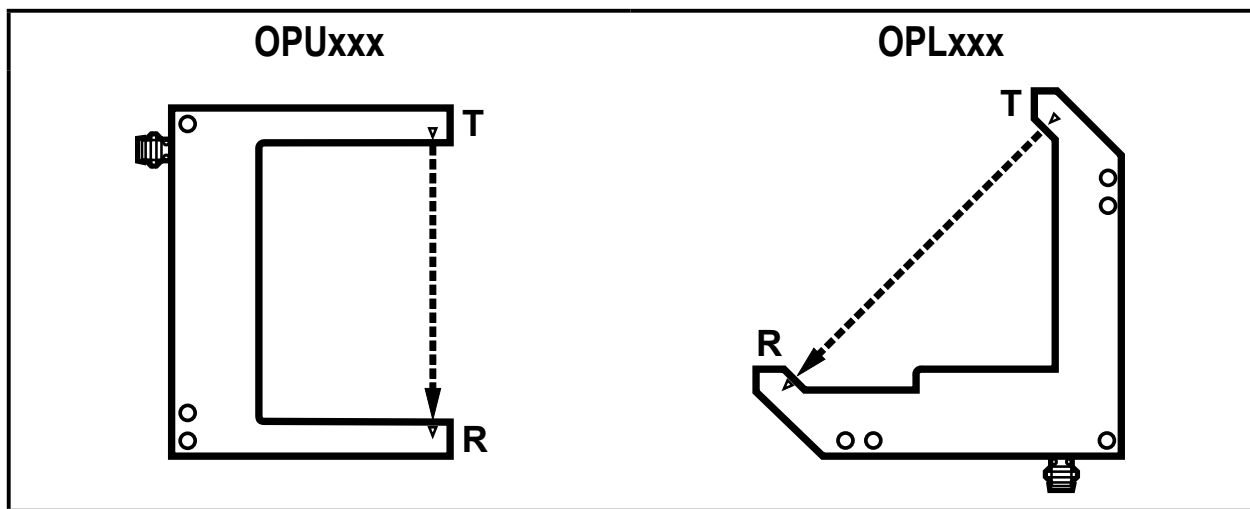


## Optical fork sensors / Optical angle sensors

### 1 Functions and features

The optical fork sensors / optical angle sensors detect objects and materials without contact and indicate their presence by a switching signal.

### 2 Mounting



T: transmitter; R: receiver

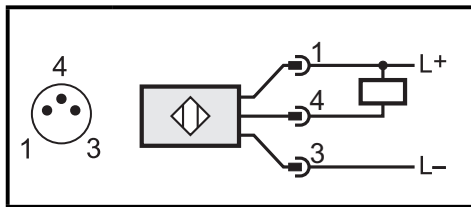
### 3 Electrical connection



The following information is valid, if an UL Listingmark is applied on the product:

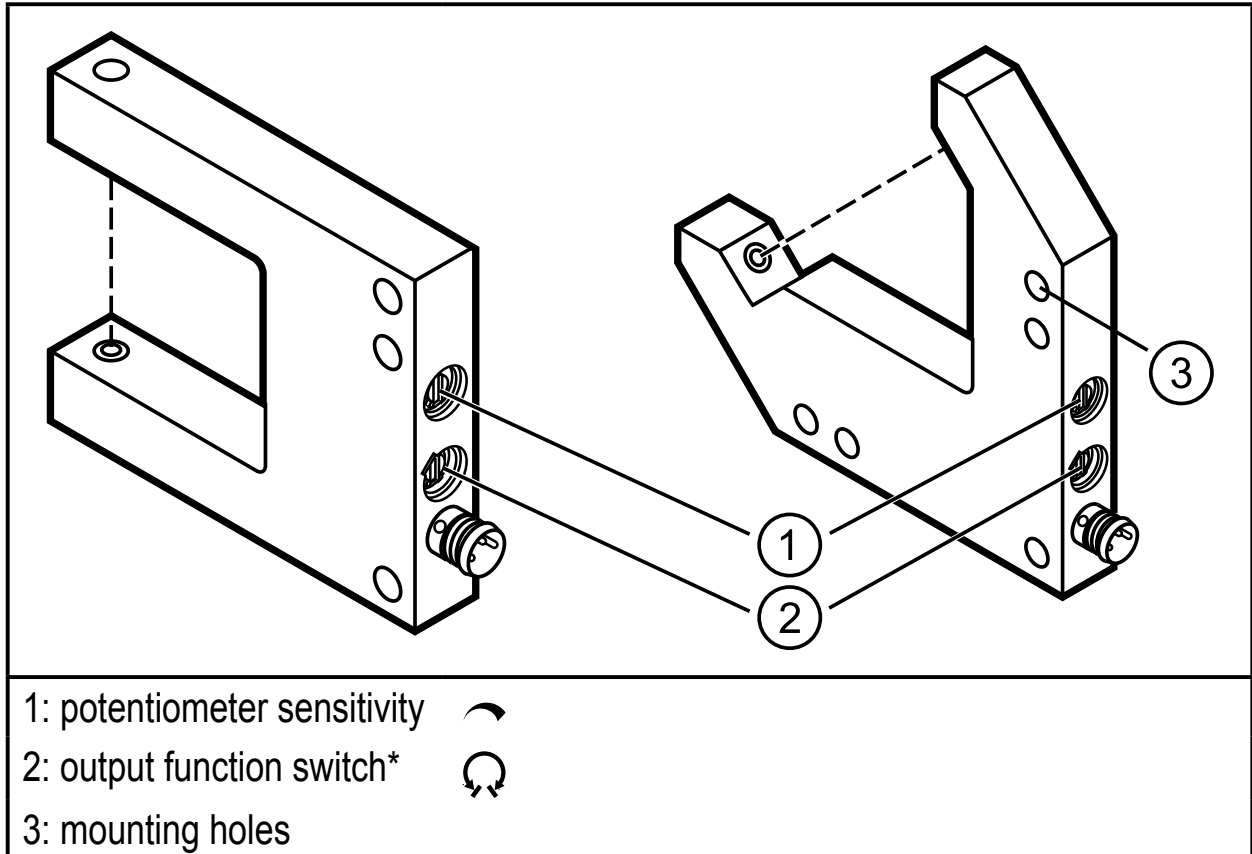
- ▶ For use in NFPA 79 applications only. Adapters providing field wiring means are available from the manufacturer. Refer to manufacturers information.
- ▶ The device shall be supplied from a class 2 rated power supply.



## DC NPN



Pin 1 = L+  
Pin 3 = L-  
Pin 4 = load

## 4 Operating and display elements



- 1: potentiometer sensitivity   
2: output function switch\*   
3: mounting holes

## 5 Technical data

Electrical design	DC NPN
Output	*light-on/dark-on mode selectable
Operating voltage [V]	10...35 V DC
Current rating [mA]	200
Current consumption [mA]	< 30
Operating temperature [°C]	-25...60
Protection	IP 67, III