



## Assembly

- avoid irradiation of parasitic light at the receiver.
- attach the frame light barriers in such way that the frame opening can be passed freely by the measured object.

## Setting switching point 1 (SP1)

- Switching point 1 is set with potentiometer SP1
- When turned to the left, switching point 1 is shifted to the left, towards the end of the frame.
- When the stop is to the right, switching point 1 moves to the center of the frame.

## Setting switching point 2 (SP2)

- Switching point 2 is set with potentiometer SP2
- When turned to the left, switching point 2 is shifted to the left, towards the center of the frame.
- When the stop is on the right, switching point 2 moves to the frame opening.

## Setting the size of the switching window (red area)

- When Poti-SP1 is turned to the left and Poti-SP2 is turned to the right, the switching window is largest.

## Analog voltage output

- The voltage output is inverted with the potentiometer, 0-10 or 10-0 volts are then applied to pin 2.
- The yellow area marks the measuring range for the analog output

This sensor is not to be used for safety applications in which safety of persons depends on proper operation of the instruments.

Only qualified personal may assemble and connect in force of regulations and in voltage-free condition.

For assemble the machines and devices have to save and respectively switch off.

The operator of the higher ranking complete system is responsible for the compliance by consideration of the national and international operation, safety- and accident regulations and rules of prevention.