

OY300130

SAFETY SYSTEMS • LIGHT CURTAINS - FINGER PROTECTION

The multi-function light barriers are through-beam sensors where multiple beams are integrated. In case of interruption of only one beam, the switching output of the receiver changes its state. The devices are used where standard through-beam sensors with only one beam are not sufficient. There are devices with beam spacing of 20, 40, 60 or 120mm and different heights available. An integrated fuzzy logic controls the transmitting power automatically.

MECHANICAL DATA

| | |
|------------------------|--------|
| Protected field height | 120 mm |
| Sensor length | 40 mm |

ELECTRICAL DATA

| | |
|--|--------------------|
| Cascadable | No |
| Clock control possible | No |
| Equipment protection class | Protection class 3 |
| No-load current, transmitter | 300 mA |
| Number of pins, receiver | 5 |
| Number of pins, transmitter | 5 |
| Override possible | No |
| Suitable for safety functions | Yes |
| Suppression possible | No |
| Switching voltage of OSSD at state "high" | 24 V |
| Voltage type | DC |
| With LED display (7 segment) | Yes |
| With monitoring function of downstream devices | No |
| With muting function | No |
| With restart lock | No |

OPTICAL DATA

| | |
|----------------------------------|-------|
| Detection capability for samples | 14 mm |
| Finger protection (< 14mm) | Yes |
| Protected field range | 9 m |

OTHER DATA

| | |
|---|--------------------------|
| Explosion protection category for dust | None |
| Explosion protection category for gas | None |
| Scope of delivery of the one-way system | Transmitter and receiver |
| With beam coding | Yes |

DIMENSIONAL DRAWING**INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL**SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!