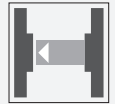




Thru-beam sensor ARGOS25-20M-LR-SET

WITTsensoric

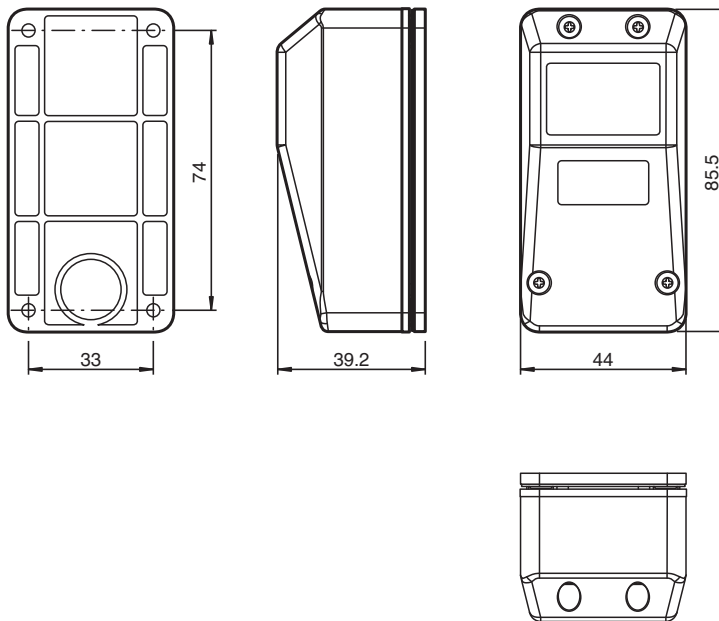


- Photoelectric sensor for detecting people, objects and vehicles
- Indicator LED on the front
- Relay output
- Version with accessories in scope of delivery
- 2 channels
- Double mounting possible
- Protected against mutual interference (no cross-talk)

Basic light barrier for detecting people, objects, and vehicles



Dimensions



Technical Data

System components

| | |
|----------|-----------|
| Emitter | ARGOS25-T |
| Receiver | ARGOS25-R |

General specifications

| | |
|----------------------------------|---------------------------------|
| Effective detection range | 1.5 ... 20 m |
| Threshold detection range | 28 m |
| Number of protective field beams | 1 |
| Light source | IRED |
| Light type | modulated infrared light 950 nm |
| Marking | CE |

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Technical Data

| | | |
|-----------------------------------|-------|---|
| Diameter of the light spot | | approx. 7.3 m at a distance of 20 m |
| Opening angle | | 20 ° |
| Optical face | | frontal |
| Ambient light limit | | 100000 Lux |
| Indicators/operating means | | |
| Operation indicator | | emitter LED yellow: Power on |
| Function indicator | | Receiver: LED red: lit when the light beam is interrupted LED yellow: lights up when light beam is free |
| Stability alarm indicator | | Receiver: flashing (approx. 4 Hz) |
| Electrical specifications | | |
| Operating voltage | U_B | 24 V AC \pm 25 % 10 ... 40 V DC |
| Operating current | I_B | Emitter: \leq 25 mA Receiver: \leq 30 mA |
| Power consumption | P_0 | Emitter: \leq 1 VA Receiver: \leq 1.2 VA |
| Output | | |
| Output type | | relay, change-over contact |
| Switching type | | light-on |
| Switching voltage | | max. 250 V AC/DC |
| Switching current | | max. 3 A |
| Energized/De-energized delay | | typ. 100 ms |
| Response time | | < 100 ms |
| Conformity | | |
| Product standard | | EN 61000-6-2, EN 61000-6-3 |
| Ambient conditions | | |
| Ambient temperature | | -25 ... 60 °C (-13 ... 140 °F) |
| Storage temperature | | -35 ... 80 °C (-31 ... 176 °F) |
| Mechanical specifications | | |
| Degree of protection | | IP65 according to EN 60529 |
| Connection | | screw terminals for max. 1.5 mm ² |
| Material | | |
| Housing | | ABS GF15 |
| Mass | | approx. 60 g |
| Dimensions | | |
| Height | | 86 mm |
| Width | | 44 mm |
| Depth | | 39 mm |

Connection

