

Ecoline Infrared Light Beam

Art.-Nr. LS1020

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Easy-to-install Ecoline infrared light beam for indoors and outdoors! This light barrier monitors an area of up to 20 m. Smart anti-sabotage protection of the transmitter and receiver guarantees the highest level of operational safety. Use the Ecoline infrared light beam in combination with our alarm systems for monitoring hallways, doors, or parking spaces. And clever solutions such as video monitoring system control or illumination control can be easily implemented. Advantage over PIR motion detectors: The Ecoline infrared light beam only detects movement passing through a precisely defined line and does not detect motions inside an area. Thus, passers-by are not detected as long as they do not walk through the invisible line. Delivery kit: Infrared transmitter (Tx) with a faceplate, infrared receiver (Rx) with a faceplate, 4 housing screws.

Technologies

- Suitable for interior room monitoring, passive trap systems, external shell protection, free-land monitoring
- Optimal for smaller properties
- IP66

Technical data - Ecoline Infrared Light Beam

| | |
|----------------------------|---|
| AC voltage supply | 24 V |
| Colour | other |
| Connections | Alarm output: (Rx) relay (NO/NC) 1 A / 120 V AC, tamper output: (Tx/Rx) NC contact 1 A / 120 V AC |
| DC voltage supply | 12 V |
| Detector coverage area (m) | 20 m |
| Dimensions | (WxHxD) 46x95x34 mm |
| Display | Yes |
| Height | 95 mm |
| Housing material | ABS |

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Technical data - Ecoline Infrared Light Beam

| | |
|--------------------------------|--------------------------------|
| IP protection class | 66 |
| Installation location | Indoors and outdoors |
| Installation type | Surface mounting |
| Length | 34 mm |
| Max. detection range (indoor) | 20 m |
| Max. detection range (outdoor) | 20 m |
| Max. operating temperature | 60 °C |
| Power consumption | 50 mA |
| Sabotage monitoring | Yes |
| Sensor type | Infrared module |
| Status display | Yes |
| Type of detection | Infrared radiation measurement |
| VdS class | none |
| Width | 46 mm |