

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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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
PSTI conformity required	No
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