

Ecoline Infrared Light Beam

Art.-Nr. LS1020

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Optimum operational security and a wide range of applications

The wire infrared photoelectric sensor secures a range of up to 20 m. The intelligent tamper protection of the transmitter and receiver ensures maximum operational security. In combination with the ABUS Terxon wired alarm system, the photocell can be used to monitor corridors, doors or car parks. Control of video surveillance systems or lighting can also be realised easily.

Precise detection

In contrast to passive infrared motion detectors, infrared light barriers only monitor a precisely defined line. However, movements within the area in front of and next to this line are not detected. This means that persons walking past are not detected as long as they do not cross the invisible line.

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 power 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
Current consumption	50 mA
DC power supply	12 V
Depth	34 mm
Detection area detector (m)	20 m

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Detection method	Infrared radiation measurement
Dimensions	(WxHxD) 46x95x34 mm
Display type	Yes
Height	95 mm
Housing material	ABS
Length	34 mm
Max. Detection area (indoor)	20 m
Max. Detection area (outdoor)	20 m
Max. Operating temperature	60 °C
Mechanical protection	No
Mounting location	Indoors and outdoors
Mounting type	Surface mounting
Net weight	0.1 kg
PSTI conformity needed	No
Power consumption	0.24 W
Product group	Detectors
Protection class IP	66
Sensor type	Infrared module
Status display	Yes
Tamper monitoring	Yes
Type of protection	Intrusion protection
VdS class	without
WEEE group	09
width	46 mm