

EasyLoop S

Vehicle detection sensor for safeguarding automatic barrier systems

Mechanical data

Housing material	PC, PBT, GF20, ABS
Dimensions (L × W × D)	108 × 74 × 17 mm (4.25 × 2.9 × 0.7 in)
Weight	98 g (3.5 oz)
Protection Class	IP55

Functional data

Function	safety (presence detection)
Transmission frequency	microwave 79 GHz
Detection distance	1.0 – 6.0 m (3.3 – 19.7 ft), default 3 m (9.8 ft), configurable via mobile app
Detection width	0.5 – 1.5 m (1.6 – 5.0 ft) per side, configurable via mobile app
Interface	Bluetooth® / RS485

Electrical data

Supply voltage	9 – 24 V DC (12 V / 1 A preferred)
Power consumption	< 2.5 W
Output	NO/NC dual relay
Response time	100 ms
Wiring	10 pin
Cable length	1.2 m (3.9 ft)

Ambient conditions

Operating temperature	min. -40 °C, max. 85 °C (min. -40 F, max. 185 F)
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Notice on conformity



BBC Bircher AG declares that this product conforms with the following guidelines and directives of the EU:

RED 2014/53/EU RoHS 2011/65/EU

Follow the QR code or link below for the detailed declaration of conformity.

Technical documentation

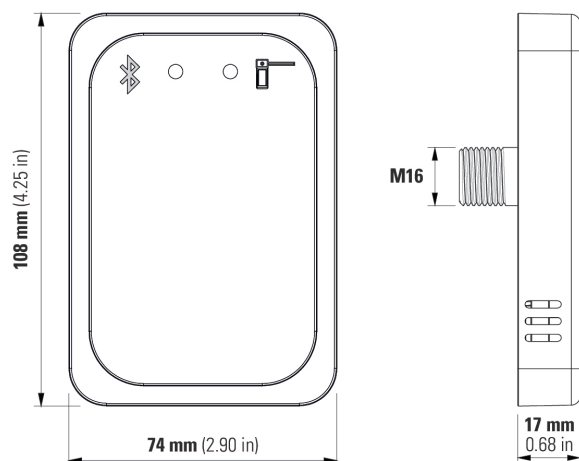


You will find all documents on the manufacturer website
[bircher.com](https://www.bircher.com)

Standard box contents

1 sensor, 1 connection cable 10 pin × 1.2 m (4 ft), mounting material, instructions

Package dimensions: 140 × 85 × 60 mm



If you have any questions about the device, please contact us:

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Bircher Smart Access

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