

BH12T Photobeam Heater

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BOSCH
Invented for life



- ▶ Automatic temperature control maintains a constant temperature
- ▶ Made of durable ceramic to withstand weathering

The BH12T Heater is a heating device that prevents frost accumulation on photoelectric beam detector covers, promoting stable performance.

Parts included

Quantity	Component
2	Heaters (heating element, radiator, terminal)
4	Heater mounting screws
1	Literature

Technical specifications

Properties

Weight (one piece)	9 g (0.019 lb)
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Environmental considerations

Relative humidity	0% to 95%
Temperature (operating)	-25 °C to + 55°C (-13 °F to 131°F)

Power requirements

Current (one piece)	At 12 VDC, Inrush current 400 mA, operating current:150 mA
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At 24 VDC, Inrush current 800 mA, operating current: 100mA
At 28 VDC, Inrush current:1000 mA, operating current: 90 mA

Voltage	10.5 to 28 VDC 10.5 to 28
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Compatibility

Devices	ISC-FPB1-W30DS single channel photobeam ISC-FPB1-W60DS single channel photobeam ISC-FPB1-W90DS single channel photobeam ISC-FPB1-W60QS single channel photobeam ISC-FPB1-W120QS single channel photobeam ISC-FPB1-W200QS single channel photobeam ISC-FPB1-W60QF four channel photobeam ISC-FPB1-W120QF four channel photobeam ISC-FPB1-W200QF four channel photobeam
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Ordering information

BH12T Photobeam Heater

Reduces the effects of frost, intense fog, cold, and damp conditions on photoelectric beam detectors. Shipped in packages of two.
Order number **BH12T**

Accessories

ISC-FPB1-W30DS Photoelectric Detector

Provides an outdoor range of 30 m (100 ft) and an indoor range of 60 m (200 ft).
Order number **ISC-FPB1-W30DS**

ISC-FPB1-W60DS Photoelectric Detector

Provides an outdoor range of 60 m (200 ft) and an indoor range of 120 m (400 ft).
Order number **ISC-FPB1-W60DS**

ISC-FPB1-W90DS Photoelectric Detector

Provides an outdoor range of 90 m (300 ft) and an indoor range of 180 m (600 ft).
Order number **ISC-FPB1-W60DS**

ISC-FPB1-W60QS

Single channel quad-beam photoelectric detector designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver. 60 m (196 ft) max outdoor range, 120 m (393 ft) max indoor range.
Order number **ISC-FPB1-W60QS**

ISC-FPB1-W120QS

Single channel quad-beam photoelectric detector designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver. 120 m (293 ft) max outdoor range, 240 m (787 ft) max indoor range.
Order number **ISC-FPB1-W120QS**

ISC-FPB1-W200QS

Single channel quad-beam photoelectric detector designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver. 200 m (656 ft) max outdoor range, 400 m (1312 ft) max indoor range.
Order number **ISC-FPB1-W200QS**

ISC-FPB1-W60QF

Four-channel quad-beam photoelectric detector designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver. 60 m (196 ft) max outdoor range, 120 m (393 ft) max indoor range.
Order number **ISC-FPB1-W60QF**

ISC-FPB1-W120QF

Four-channel quad-beam photoelectric detector designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver. 120 m (293 ft) max outdoor range, 240 m (787 ft) max indoor range.
Order number **ISC-FPB1-W120QF**

ISC-FPB1-W200QF

Four-channel quad-beam photoelectric detector designed for indoor and outdoor applications. Consisting of a separate transmitter and receiver. 200 m (656 ft) max outdoor range, 400 m (1312 ft) max indoor range.
Order number **ISC-FPB1-W200QF**

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