

Radar Sensor 1Z

The Radar Sensor 1Z is the ideal tool to be implemented in museums and exhibitions. Its compact construction form as well as its ability to permeate non-conductive material allows an easy, fast and concealed installation

Depending on its position, the Radar Sensor works in accordance with a clearly defined preferential direction. Within this direction, the Radar Sensor is able to identify human beings within a distance of 3 meters. Conditional on the individual's height and the way of approach, the maximum range of coverage might vary to a slight extent. With the help of a potentiometer, however, it is possible to precisely adjust the sensitivity and thus also the range of coverage.

Problems as occurring with IR-motion detectors are ruled out with the Radar Sensor 1Z. Accordingly, the Sensor does not respond to air flows due to air conditions or other thermal irritations. Even vandalism - such as damaging of the Frenel Lens - is not possible.

The hook-up is carried out via a 9-12 Volt DC operating voltage. The Open-Collector output (maximum load capacity 200 mA) allows the hook-up to miscellaneous devices. It is possible to order a special adapter board (article FP-PRO-MMC) for hooking up the Flashplayer FP-Pro 1000i.

Areas of Application and Operation

- Interactive controlling of sales displays
- Exhibits in museums and exhibitions
- Proximity sensor for alarm systems
- Controlling of multimedia applications
- Controlling of Flashplayers (adapter card for FP-Pro 1000i)



Technical Specifications

Technology:	HF Radar 2.4 Ghz, one-zone-sensor-principle
Sensitivity:	Adjustable
Range of coverage:	70 cm up to 2-3 meters
Operating Voltage:	9 - 12 Volt DC, max. 15 mA
Output:	Open Collector low-active, max. 200 mA
Size Radar Sensor:	68 x 60 x 14 (W x H x D in mm) (without retaining plates)
Weight Radar Sensor:	30 gram
Scope of Delivery:	Radar Sensor, Velcro® fastener, 1.5 m connecting cable

Technical modifications and errors reserved.

heddier electronic

Gesellschaft für innovative Datensysteme mbH

Pascherhook 34
48653 Coesfeld
Germany
Tel. +49 2546 911-0

www.heddier.com
info@heddier.com

Fax +49 2546 911-29