

OT570900

Motion and presence detectors • Presence detector

sensor optical, Presence detector, 58x49x208mm, 12-24V AC/DC, 2x Relay contact NC/NO, Cable with connector 10m, IP54, Plastic



Radar sensors are used primarily as signal transducers for controlling automatic doors and gates. They detect the movement of persons and/or industrial trucks and, at the same time, are insensitive to soiling. Objects can be detected depending on their movement direction in order to optimize the opening cycles of the gates. In doing so, it is possible to mask out people so that the sensor responds only when vehicles approach. Furthermore, it is possible to eliminate interference caused by moving objects within the detection range of the sensor. Systems that are also equipped with presence detection monitor the area in front of a gate in order to prevent the gate leaf from coming into contact with vehicles or objects.

Electrical features

Number of switching outputs	2
Display	LED display
Type of switching function	Normally closed contact/normally open contact
Type of electrical connection	Cable connector
Type of switching output	Relay contact
Turn-off delay	0,3 - 1ms
Rated switching current	100mA
Setting procedure	Parameterization via remote control
Holding time	0,3 - 1s
Power consumption	2.5VA
Reaction time	200ms
Switching voltage	42V
Operating voltage (AC 50Hz)	12 - 24V
Operating voltage (DC)	12 - 24V

Mechanical features

Number of cores	8
Width	208mm
Height	58mm
Mounting height	2000 - 4000mm
Cable length	10m
Length	49mm
Mounting method	Surface mounted (plaster)
Inclination angle	-7 - 4°
Optimum mounting height	3m
Degree of protection (IP)	IP54
Housing material	Plastic
Ambient temperature	-25 - 55°C

Optical features

Light source	Infrared light
Wavelength of the sensor	875nm
Detection range, presence	3000 x 600mm

Other features

Reference medium / object	Material with 90% reflectivity
Ambient temperature	-25 - 55°C
Version	Presence detector

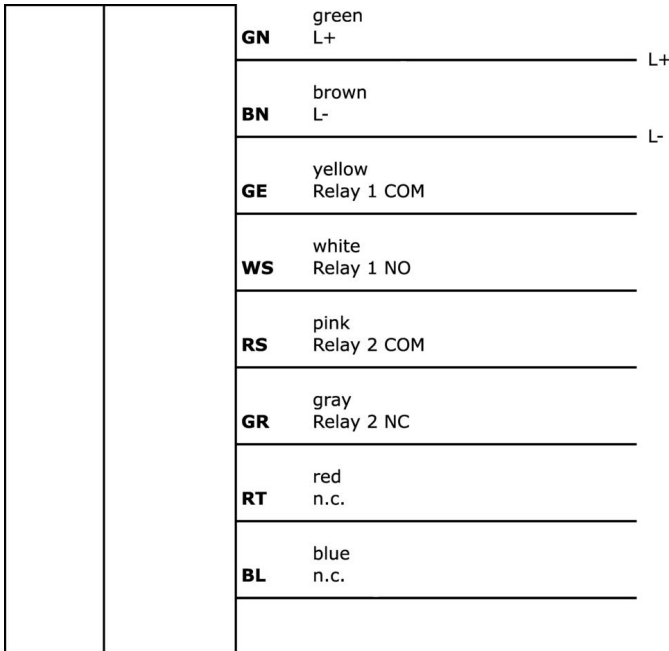
Classification

ETIM 8	EC000138 Motion detector sensor
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More

IPF Product Group	260 motion and presence detectors
packaging dimensions	285 x 118 x 62 mm
gross weight	660 g
Customs tariff number	85365019
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.