



Model Number

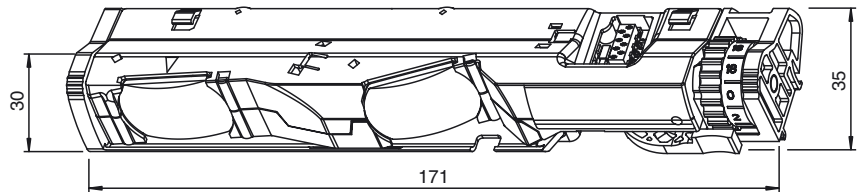
DoorScan-T

Sensor module, emitter

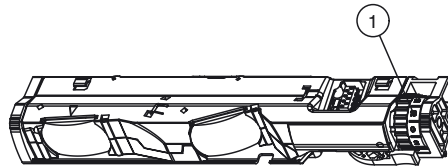
Features

- Sensor module for configurable DoorScan® presence sensor
- Emitter module (E)
- Adjustment options for detection field and angle of inclination
- Tool-free module mounting using snap-in mechanism

Dimensions



Indicators/operating means



1 Inclination angle adjustment

Technical data

General specifications

Detection range min.	0 ... 1500 mm
Detection range max.	0 ... 3500 mm
Light source	IRET
Light type	modulated infrared light
Black/White difference (6%/90%)	< 2 % at 2000 mm sensor range
Operating mode	Background evaluation
Diameter of the light spot	8 cm at 2000 mm sensor range

Functional safety related parameters

Safety Integrity Level (SIL)	SIL 2
Performance level (PL)	PL d
Category	Cat. 2
MTTF _d	864 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	90 %

Electrical specifications

No-load supply current	I_0	30 mA
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Conformity

Functional safety	ISO 13849-1 ; EN 61508 part1-4
Product standard	EN 12978

Ambient conditions

Ambient temperature	-30 ... 60 °C (-22 ... 140 °F)
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Mechanical specifications

Mounting height	max. 3500 mm
Degree of protection	IP54 (iwhen mounted)
Material	
Optical face	PC (Polycarbonate)
Mass	approx. 55 g

Approvals and certificates

CCC approval	CCC approval / marking not required for products rated ≤36 V
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Accessories

DoorScan Connection Cable 5p

Connecting cable with 5 plug-in connections for DoorScan®-I/-T/-R modules

DoorScan Adapter

Adapter module for installation in the DoorScan® and TopScan sensor profile, multifunction interface module

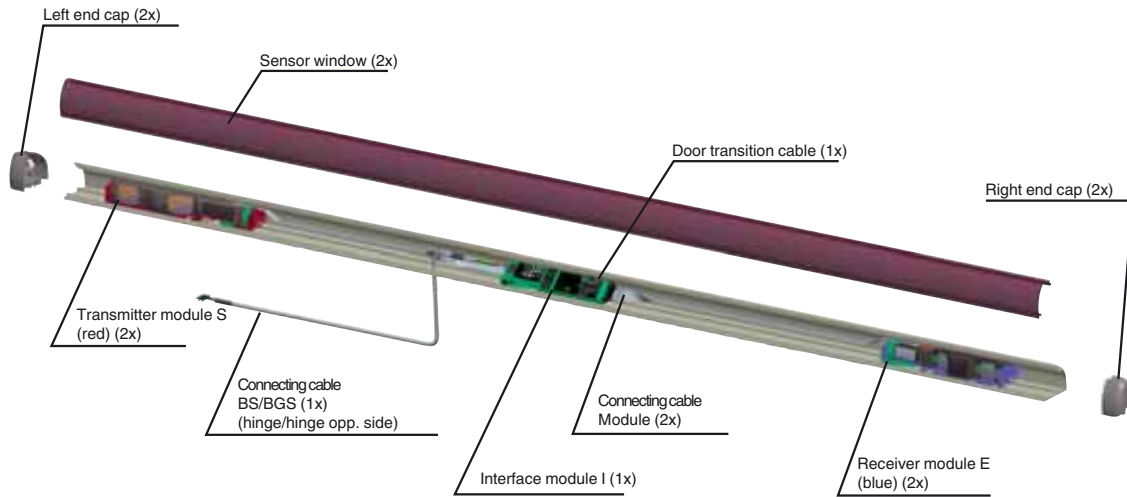
DoorScan Cable Adapter

Adapter module for installation in the DoorScan® sensor profile, multifunction interface module

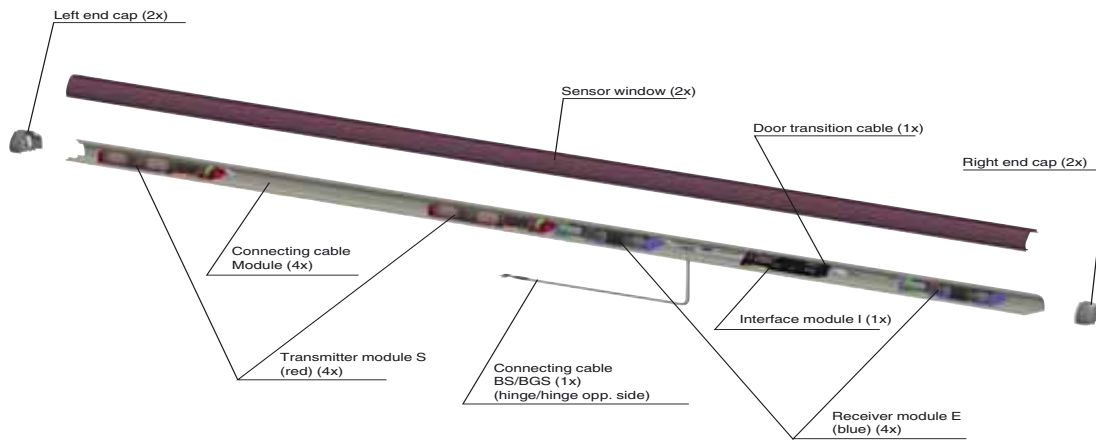
Other suitable accessories can be found at www.pepperl-fuchs.com

Additional Information

Layout of the sensor system for a door with one emitter and one receiver (hinge side/leading edge side)



Layout of the sensor system for a door with two emitters and two receivers (hinge side/leading edge side)



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com