

Sensor module

AIR17-S Slave

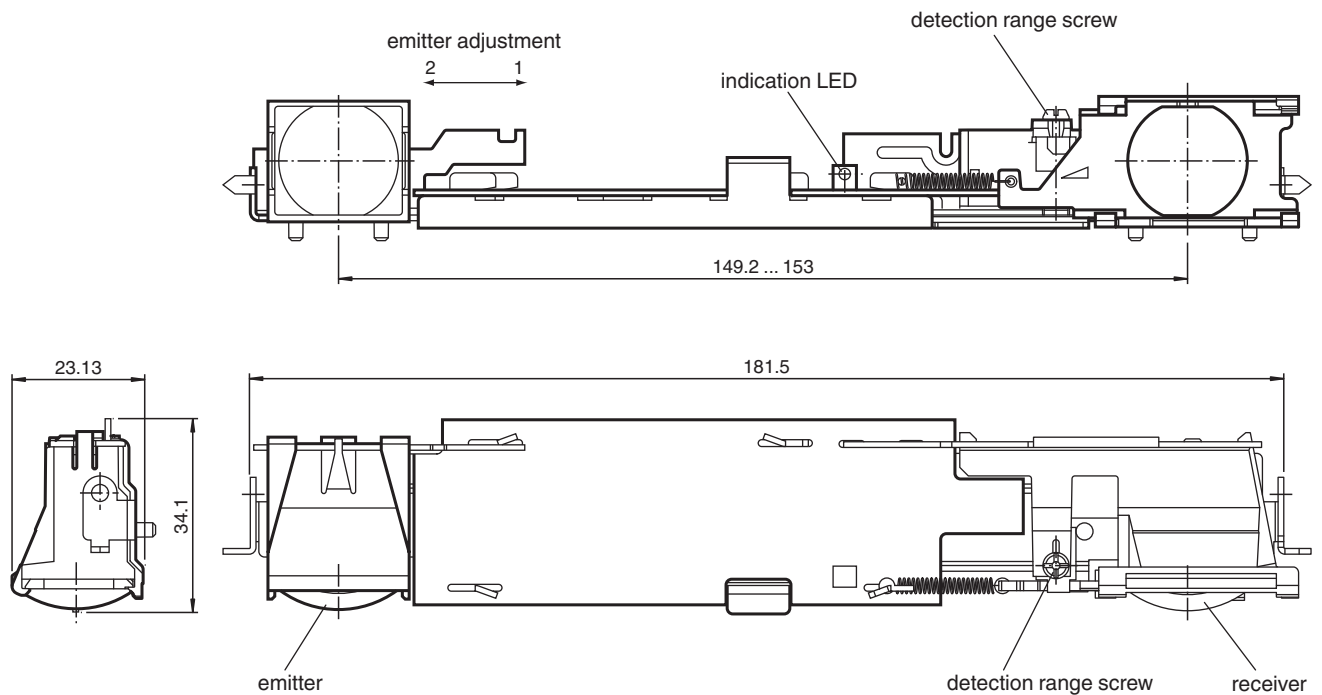


- Sensor module for configurable TopScan-S
- Slave module
- Category 2, tested and certified to DIN 18650/EN 16005
- Safe function even on difficult floors
- Easy adjustment of transmitter for hinge side/ opposite hinge side

Replacement/extension sensor module



Dimensions



Technical Data

General specifications

Detection range min.	0 ... 1500 mm
Detection range max.	0 ... 2500 mm

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

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Technical Data

Light source		IREC
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		1.1 cm x 8.3 cm at 2000 mm sensor range
Functional safety related parameters		
MTTF _d		880 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		90 %
Indicators/operating means		
Function indicator		LED red/green
Control elements		Sensing range adjuster
Electrical specifications		
Operating voltage	U _B	24 V DC +/- 20 %
No-load supply current	I ₀	65 mA
Output		
Response time		≤ 70 ms
Approvals and certificates		
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-10 ... 50 °C (14 ... 122 °F)
Mechanical specifications		
Mounting height		max. 2500 mm

Assembly

