



### Model Number

**AIR16**

Sensor module

### Features

- Sensor module for configurable Topscan switch

### Accessories

#### LAGERBOCK AIR16

Pedestal for the sensor module AIR16

#### TopScan-S Cap Set

End cover for TopScan-S aluminum profile section

#### TopScan-S Cable Loop Basic

Metal cable protector

#### TopScan-S Cable 240 mm

Ribbon cable for connecting sensor modules

#### TopScan2 Cable 300 mm

Ribbon cable for connecting sensor modules

#### TopScan-S Cover L1400

Housing cover TopScan-S

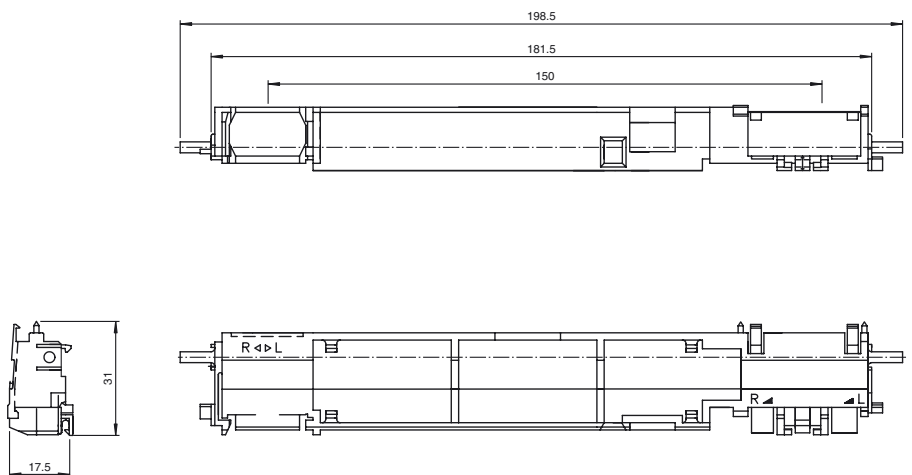
#### TopScan-S Gasket IP54

Housing seal TopScan-S

#### TopScan-S Profile L1400

Housing profile TopScan-S

## Dimensions



## Technical data

### General specifications

Light source	IREL
Marking	CE
Operating mode	switching between background suppression/evaluation
Diameter of the light spot	75 x 75 mm by sensing range 2000 mm

### Functional safety related parameters

MTTF <sub>d</sub>	880 a
Mission Time (T <sub>M</sub> )	20 a
Diagnostic Coverage (DC)	60 %

### Indicators/operating means

Function indicator	LED red
Control elements	Sensing range adjuster, light-on/dark-on changeover switch, changeover switch for mode of operation

### Electrical specifications

Operating voltage	U <sub>B</sub>	17 ... 30 V DC , 18 ... 28 V AC
No-load supply current	I <sub>0</sub>	< 100 mA

### Output

Switching type	Light-on/dark-on changeover switch
Signal output	Relay, 1 alternator
Switching voltage	max. 24 V DC , 48 V AC
Switching current	≤ 1 A
Switching power	24 W / 55 VA

### Ambient conditions

Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
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### Mechanical specifications

Connection	screw terminals
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### Suitable series

Series	TopScan
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### Approvals and certificates

CCC approval	CCC approval / marking not required for products rated ≤36 V
UN/ECE Regulation No. 10 (E1)	Type-approval number: 047349