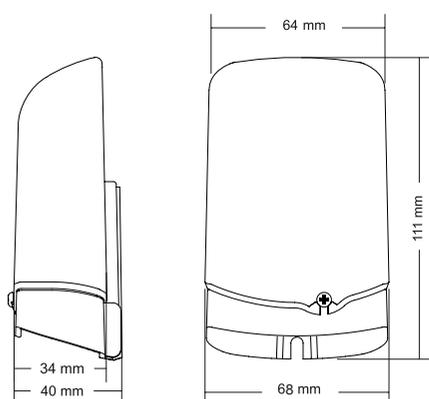


## Technical data



- Reliable failure signal by LED
- Connection to a building management system (BMS) possible
- Supply and control via RESOL VBus®

**Housing:** Plastic (PC 2207 UV);  
base part: Karilen E 42 D - H201

**Protection type:** IP 54

**Dimensions:** 111 x 68 x 40 mm

**Mounting:** Wall mounting

**Ambient temperature:** -13 ... +158 °F

**Display:** 1 LED

**Supply:** RESOL VBus®

**Interface:** RESOL VBus®

**Output:** 1 dry contact relay

**Switching capacity:** max. 30V $\overline{=}$  (DC), 1A;  
125V $\sim$  (AC), 0,5 A

DeltaSol® MX



Data communication between the devices takes place via the RESOL VBus®.

## Indoor temperature sensor

(for installation on planar surfaces) Version Pt1000



**RESOL FRP11**

Indoor temperature sensor

Article-no.: 155 003 00

## Alarm module AM1

The Alarm module AM1 is designed to signal system failures. It is to be connected to the VBus® of the controller and issues an optical signal via the red LED if a failure has occurred. The AM1 also has a dry contact relay output, which can e. g. be connected to a building management system (BMS). Thus, a collective error message can be issued in the case of a system failure. Depending on the controller and the sensors connected, different fault conditions can be signaled, e.g. sensor failures, excess or negative system pressure as well as errors in the flow rate, such as a dry run of the pump. The Alarm module AM1 ensures that occurring failures can be immediately recognized and repaired, even if the system and the controller are difficult to access or located in a remote place. Thus, the reliability and the stable yield of the system are ensured.



**RESOL AM1**

Alarm module for signaling system failures

Article-no.: 180 008 70

## Outdoor temperature sensor

(for installation on plane surfaces) Pt1000 version

The FAP13 is used for measuring the outdoor temperature with a platinum measuring element. The FAP13 is placed in a weather-resistant housing with outstanding design and is designed for mounting outdoors. Cable glands for the sensor cables at the bottom of the housing allow easy installation.



**RESOL FAP13**

Outdoor temperature sensor

Article-no.: 155 008 10

## Overvoltage protection SP10

Overvoltage protection device placed in housing with outstanding design, suitable for mounting outdoors. We generally recommend installing the overvoltage protection in order to avoid overvoltage damage at collector sensors, e.g. caused by local lightning storms.



**RESOL SP10**

Sensor-overvoltage protection

Article-no.: 180 110 70