

# Precipitation & Water Sensors

## Precipitation Sensors TSP02, TSP03-D

Precipitation sensors are designed to determine the presence of precipitation on a heated surface. The sensors are designed for use with commercial heating systems. If the sensor detects water, contacts in the connected thermostat will be closed. In combination with a temperature sensor, energy-efficient use of the heating system is ensured.

### Features

- Installation on a vertical wall (TSP02)
- Installation in screed (TSP03-D)

### Application Areas

- Snow and ice prevention in open area heating systems and roof and gutters

### Construction



TSP02

TSP03-D

### Technical Data

Type of sensor	TSP02	TSP03-D
Dimensions (W×H×D)	110×210×160 (with bracket)	100×95×95
Supply voltage	36 VAC, 50 Hz	36 VAC, 50 Hz
Rated power	3,5 W	10 W
Operating temperature range	-40 ... +50 °C	-40 ... +50 °C
Length of the installation wire	3 m	3 m
Max. sensor distance from the controller	100 m	100 m
Compatible with thermostat type	PTM-2000	PTM-2000

### Approvals



### Types

Name	Order code
Precipitation sensor TSP02	2121002000
Precipitation sensor TSP03-D	2121002001

## Water Sensor TSW01

Our water sensor is designed to determine the presence of water in heated gutters. If the water sensor detects the presence of precipitation, contacts in the connected thermostat will be closed and the connected heating system will be switched on.

### Features

- Installation in gutters

### Construction



TSW01

### Technical Data

Type of sensor	TSW01
Dimensions (W×H×D)	160×40×15
Length of the installation wire	3 m
Max. sensor distance from the controller	100 m
Compatible with thermostat type	PTM-2000

### Types

Name	Order code
Water sensor TSW01	2121003000