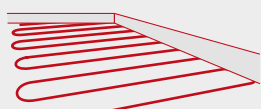


At a glance

Applications



Roof surfaces, gutters and downpipes



Open spaces

- › Building technology
- › Gutters, roof surfaces
- › Open spaces, footpaths
- › Parking facility entrances and exits
- › Garage entrances
- › Steps
- › Bridges
- › Loading ramps
- › Helicopter landing pads

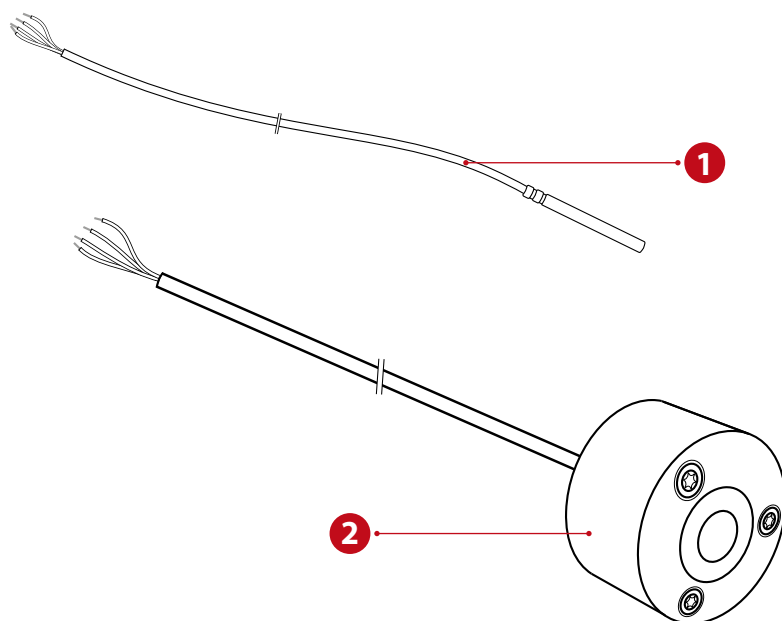
Advantages

- › Energy-saving
- › Reliable & economical
- › Easy installation & operation

Approvals

ISD Sensor

Moisture & Temperature, Precipitation



- | | | |
|----------|----------------|---|
| 1 | ISD-STH | Sensor for temperature & moisture measurements |
| 2 | ISD-DEC | Sensor for snow and ice (precipitation) & temperature |

The maintenance-free temperature, moisture and precipitation sensors in combination with the ISD control devices ensure that the electrical heating in gutters and open areas can be operated energy-efficiently. The values measured by the sensor ensure that heating is only turned on when necessary.

Checklist

Assembly Accessories

ELB-18	Assembly and mountings for gutters	0930040
ELB-20	Mounting bracket for downpipes	0930043
ELB-21	Mounting profile for gutters	0930044
ELB-22	Plastic laying bars for gutters	0942000



Technical Specifications

ISD-STH

Operating voltage	6-12 V DC
Max. power consumption	Max. 0.2 VA
Ambient temperature	-40°C up to +85°C
Storage temperature	-40°C up to +85°C
Measurement accuracy	± 1K
Tracer connection	4 sensor inputs (parallel)
Sensor voltage	24 V DC, max. 4 mA
Conductor cross-section of connection cable	4 x 0.34 mm ²
Dimensions	Ø 12 mm, length 70 mm (sensor)
Protection	IP 68, protection class II
Mounting	for laying in gutters
Weight	approx. 0.02 kg

ISD-DEC

Operating voltage	8 V DC
Max. power consumption	Max. 0.2 VA
Ambient temperature	-40°C up to +60°C
Storage temperature	-40°C up to +85°C
Measurement accuracy	± 1K
Conductor cross-section of connection cable	4 x 0.34 mm ²
Dimensions	Ø 60 mm, H 28 mm (sensor)
Protection	IP 68, protection class III
Mounting	for installation in open areas
Weight	approx. 0.02 kg

Ordering Information

Type	Item no.
ISD-STH 1; moisture and temperature sensor, 5.0 m AL	TBC0001
ISD-STH 2; moisture and temperature sensor, 10.0 m AL	TBC0002
ISD-STH 3; moisture and temperature sensor, 20.0 m AL	TBC0003
ISD-DEC; ice & snow sensor (precipitation), 20.0 m AL	TBA000202

ISD-STH: When using several sensors on one control unit, please ensure that they are coded accordingly at the factory.