



## room temperature sensor D

**Part no. 78110**

**room temperature sensor D - wired**

### benefits

- extremely flat with a height of 12.5 mm
- easy surface mounting

### Application

Determination of the actual ambient temperature and adjustment of the reference value for the room temperature.

### Description

The room temperature sensor D transmits the actual ambient temperature as well as the reference room temperature via the connection wire to the single room temperature controller CosiTherm®. The reference value for the room temperature is adjusted by means of the integrated rotary knob. The actual temperature in rooms with an underfloor heating system is compared to the reference temperature on an ongoing basis. If there is a difference, the single room temperature controller CosiTherm® adapts volume flows of the heating/cooling water via the thermostatic actuators of the manifold system of the surface heating system.

### Technical Specifications

#### Operating temperature range

Ambient: -10/+60 °C

Storage: -10/+60 °C

#### Temperature adjustment range

6/30 °C

#### Temperature reduction

4 K

#### Supply voltage

DC 5 V, via controller module

#### Nominal power

0.012 VA

#### Wired connection

max. 100 m

#### Housing

wall mounting plastic housing (PC)

Colour: white, similar to RAL 9003

W x H x D: 78 x 78 x 12.5 mm

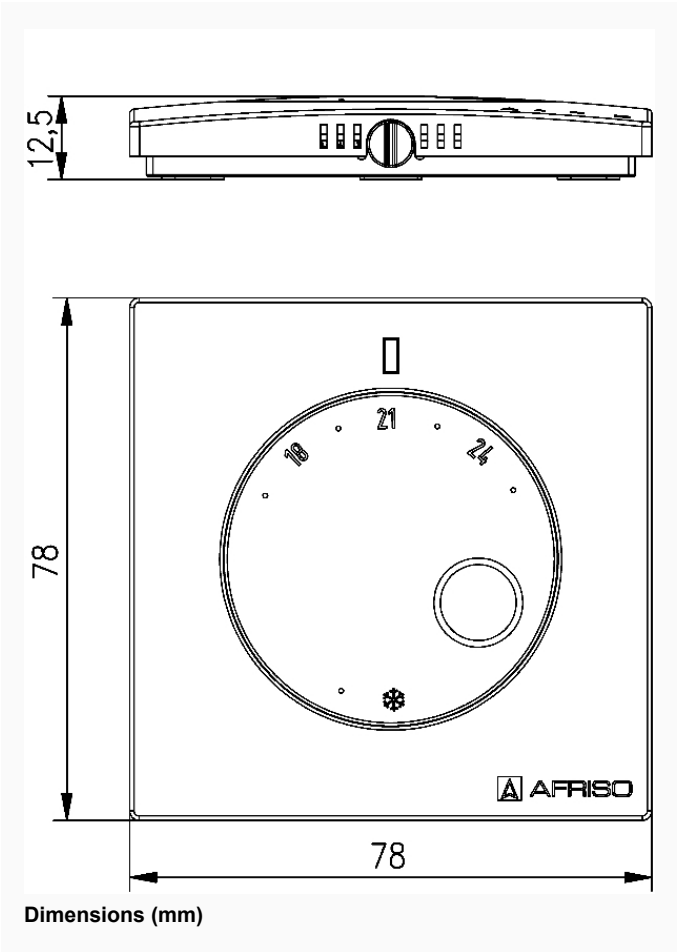
Weight: 30 g

Degree of protection: IP 30 (EN 60529)

#### Scope of delivery

- Room temperature sensor D
- Mounting kit (2 x screws, 2 x screws)

Technical Drawings



Versions

|                                                                                                     |                                                                                     | Part no. |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| room temperature sensor D                                                                           |  | 78110    |
|  in-stock items  |                                                                                     |          |
|  Non-stock items |                                                                                     |          |