

DIGITEMP

Damp-proof Temperatur Sensor

FRF 99

Description

The DIGITEMP FRF 99 damp-proof temperatur sensor measures temperatures in damp environments as, for example, in warehouses. The sensor is screwed directly onto the wall with two screws. The sensor is directly connected to the EIB bus and does not require a separate power supply.

The temperatur sensor consists of the sensor itself and the application software.

Sensor control is effected and parameters are set with ETS (EIB-TOOL-SOFTWARE).

Technical Data

max. group addresses 13
power supply 24V DC via EIB
auxiliary power supply not necessary

temperature range: -55...+125°C
resolution 0.08°C

casing:
protection class IP 65
dimensions 65 x 50 x 37 mm
white plastic similar to RAL9001

outlets:

- temperature
- upper/lower (switching) threshold A
- upper/lower (switching) threshold B
- sensor status
- heating and cooling operation
- constant action control for heating and cooling operation

Configuration

The factory settings of the sensor do not feature any device or group addresses. The functions required are assigned when setting the parameters. During the planning phase with ETS, objects which are not assigned are not displayed either.

important:

The bus coupling unit (BCU 2.1) used in the sensor requires the following to be installed before first-time use of the device:

for ETS 2.0 V1.1

- Service Release B
- dummy device BCU21.vd1
- product data base 08/2001 or later

for ETS 2.0 V1.2

- product data base 08/2001 or later

The application programm must always be fully downloaded to the device, never partially. Partial download of the programm may lead to malfunctions.

Installation

The device is screwed directly to the wall, for example, brick, stone or other, with screws. The position of the sensor is arbitrary. For outdoor installation, the temperature range of the bus coupling unit (-5...+45°C) has to be taken into consideration.

Warnings

Health and safety regulations have to be compiled with!

A faulty device must be returned immediately to Lingg & Janke OHG!

Lingg & Janke OHG
Zeppelinstraße 30
78315 RADOLFZELL
GERMANY

technical support:
tel. (+49) 7732 - 94557-71

www.lingg-janke.de

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