

DIGITEMP

Indoor Temperatur Sensor

RTF 99

Description

The DIGITEMP RTF 99 indoor temperatur sensor is a sensor for wall-mounting in dry indoor environments. 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 20
dimensions	80 x 80 x 22 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 onto the wall or onto switch boxes to cover those. If mounted onto a metallic surface, a 5mm insulating layer between the sensor and the metal surface has to be inserted according to EMC regulations. To ensure free circulation of air inside the casing, the air vents of the casing have to be positioned at the top and the bottom of the device. Do not install the sensor in direct sunlight or next to windows (draughts).

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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