

Instructions for the Installation of the TBLZ-1-30 Temperature Sensor GOLD

1. General

The sensor set consists of a sensor and a junction box for adaptation from modular connector to screw terminal connection.

2. Field of application

The temperature sensor is intended to be used for the functions Xzone and Preheating.

3. Installation

Install the sensor in the duct and connect it using the modular connector for the junction box supplied with the sensor.

Then lay a cable from the junction box to the terminal connections of the air handling unit.

4. Technical details

Enclosure class: IP 34

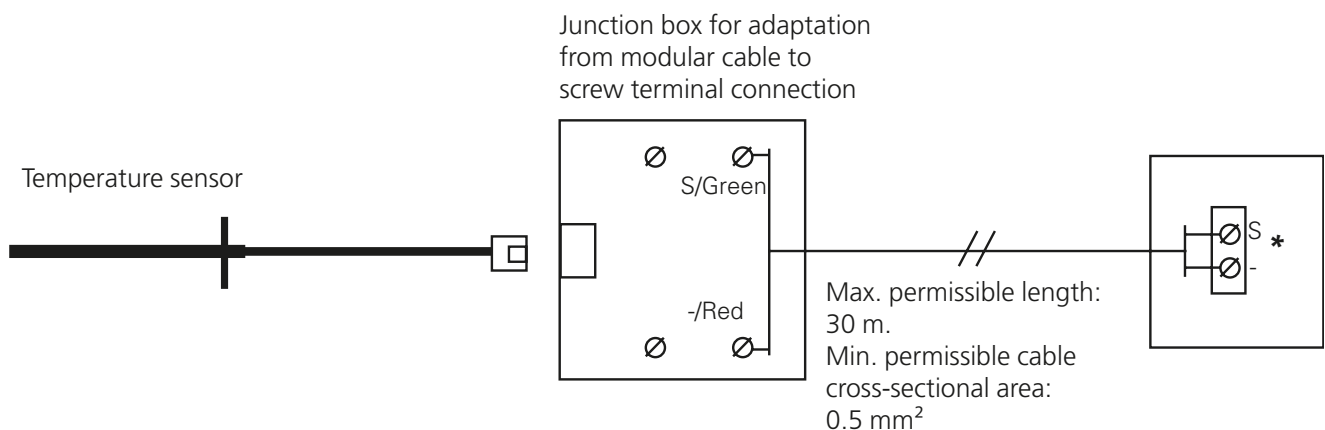
Effective measuring range: -55 °C – +125 °C



5. Electrical connections

The electrical connections shall be carried out by a qualified electrician in accordance with local electrical safety regulations.

The temperature sensor is a digital instrument and may be sensitive to external interference depending on the type of installation. The cable to the sensor must not be arranged parallel to and near a high-voltage current cable. If the sensor cable crosses the high-voltage current cable, this intersection must be at 90° angles.



Digital temperature sensors require correct polarity. Be careful when you wire the conductors.

Version E/F

* Connection for various applications

1. Temperature sensor, Xzone:

See the individual instructions for the TBLZ-2-50.

2. Temperature sensor, preheating coil:

See the individual instructions for the TBIQ or the Preheat function guide.

