



TDS12260WH

TELETASK Humidity sensor

This humidity sensor is to be used to indicate and/or to control humidity levels.

APPLICATION

Measuring humidity levels between 20%RH and 95%RH
RH: relative humidity
To be connected to a TELETASK “analog” input.

CHARACTERISTICS

Sensor to be connected by 3 wires.

Order number:

TDS12260WH – white front

INSTALLATION

Horizontal mounting on a flat surface, about 1.5 meter height.
Sensor can be placed in front of the wall or inside the wall using 45x45mm or 55x55mm frames.
Ideal build-in height: 1,5m – 10 to 15 cm away from any door.

- ! Remark: When the sensor is built in the wall the measurement can be influenced by the humidity level of the concrete wall.
- ! Do not mount too close to a door opening, (minimum 15cm), to a window or to a heating/cooling source.

CONNECTIONS

By shielded cable, containing three wires (+12V/0V/signal).
When more than one sensor is connected with the same cable, the signals should be shielded separately.
Maximum cable length is 50m.
Min. wire section: 0.25mm²
Connect the sensor cable shielding to the AUTOBUS shielding.
By means of three screw terminals.

POWER CONSUMPTION

Max. 4 mA

DIMENSIONS

55 W x 55 H x 21 D (mm)

GROSS WEIGHT

0,040 kg

PACKAGING CONTENT

TDS12260WH

STORAGE

Temperature

-20°C to +65°C

Relative humidity

15% to 85%

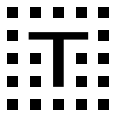
IP PROTECTION RATE

IP20

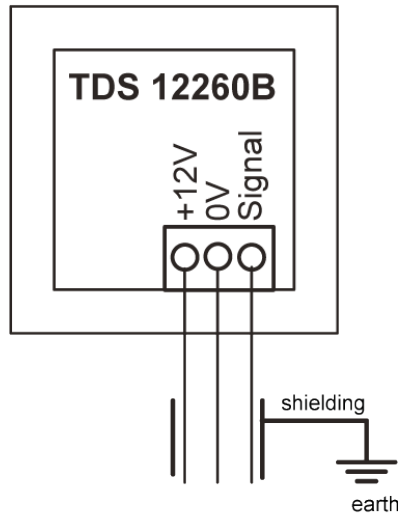
OPERATING RANGE

Temperature

0°C to +80°C max.



SCHEMATIC DRAWING



Shielded cable, to be connected to earth at the central unit or at the analog input interface (AUTOBUS shielding).
Only one sensor per cable or per shielding (multi shielded cable)
Max. cable length: 50m

Installation

	1 <i>Open the sensor</i>	2 <i>Mount the frame</i>	3 <i>Connect and close</i>
<p>On Wall mounting</p>		<p>Max. 3.5x35</p>	
<p>45x45 frame in wall</p>			
<p>55x55 frame in wall</p>			

Use optional kit TDS90260