

Installation instructions and guideline TC

Safety and operating instructions:

- **Please note!** Only connect this signaller to a safe voltage (galvanically isolated from the mains). Minimum 10V DC. Maximum 16V DC.
- The signallers are not intended for environments with corrosive substances or increased explosion risk. The product should not be exposed to extreme temperatures, direct sunlight and vibrations. Provide an environment that is as dry and clean as possible.
- This product should only be installed and connected by qualified technicians.
- When connecting electronics, always take ESD inhibiting measures, such as wearing a grounded wristband and/or shoes.
- Drilling, grinding and/or sawing in the signaller is prohibited.
- If dirty, clean this product with a dry or slightly damp cloth. Never clean with an aggressive cleaning product. This product is maintenance-free, it must be replaced by experts in case of a malfunction.
- Applies to the **TC-hygro** and **TC-voc**: Radiant heat, airflow and drafts should be avoided. The ventilation holes (figure 1) of the sensor must be completely free.

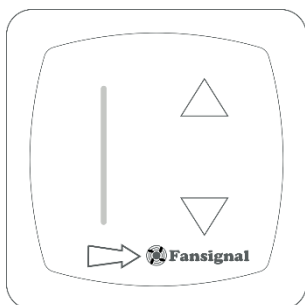
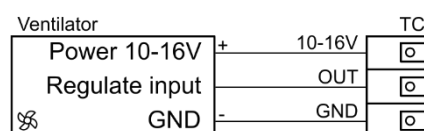


Figure 1

Scheme internal power



Scheme external power

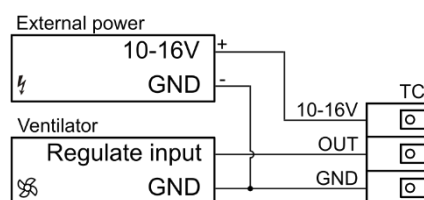


Figure 2

Assembly:



Mount the mounting plate on the wall box. Feed the connecting wires through the cover frame, connect the TC signaller and snap it onto the wall box. The TC signaller must be mounted on an internal wall at a height of at least 1 meter and a maximum of 1.5 meters above the floor.

Connecting:

See the connection diagram (figure 2) for the possibilities.

- Connect the + to the +10-16V.
- Connect the OUT to the device to be controlled with 0-10V.
- Connect the – to the GND.

 After connecting and/or returning of the power, it takes approx. 5 seconds before the signaller reacts reliably.

Provisions and guidelines :	
	Low Voltage Directive : 2014/35/EU
	EMC-Directive : 2014/30/EU
	NEN-EN-IEC 60335-1:2012
	RoHS Directive / RoHS 2011/65/EU
	WEEE Directive 2012/19/EU