



# Manual for the Capacitive Humidity Module with Installation Kit

## Description of the terminal connectors for the humidity module

Type:	Color of the leads:	Description:
linPicco A01 and linPicco A05	red yellow black white (2 leads)	Supply voltage VCC+ Analog Out 0..1V (A01) or Analog Out 0..5V (A05), respectively GND Connection for temperature measurement
linPicco A0545	red yellow black white (2 leads)	Supply voltage VCC+ Analog Out 0,5..4,5Volts ratiometric GND Connection for temperature measurement
linPicco A0420	red yellow white (2 leads)	Supply voltage VCC+ Analog Out 4..20mA Connection for temperature measurement
DigiPicco I2C	red black yellow white	Supply voltage VCC+ GND Data SDA (I <sup>2</sup> C) Clock SCL (I <sup>2</sup> C)

## Safety advice for soldering the leads of the installation kit and other information:

- The connector must not be connected to the humidity module during the soldering process.
- Care must be taken to solder the leads correctly before the connector can be connected to the humidity module.
- The analog out (yellow lead) must not be shorted to the power voltage VCC+ (red lead). Doing so will destroy the electronics immediately.
- Changes to the connector of the installation kit will void warranty.
- The humidity module should not be placed onto conductive surfaces (short-circuit risk).
- The maximum temperature of 100 deg C must not be exceeded.
- The humidity module should not be touched when it is in use.

## Details for handling of humidity sensors:

- The active surface of the sensor should not be touched, and contamination of the active surface of the sensor should be avoided.
- The module must not be cleaned with chemicals, regardless of the chemical type.
- The sensor should not be exposed to any mechanical stress, such as bending or touching with sharp objects.



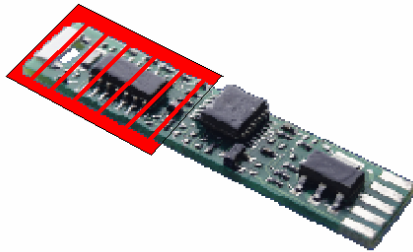
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## Safety references for installing the humidity module:

- The red-marked range may not be extrusion-coated or stuck together with a material. The remaining part may be extrusion-coated or stuck together for the assembly; however the material may not be electrically conductive.



- The humidity module may not be exposed to any mechanical stress.

[Find more details in the corresponding data sheet.](#)



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