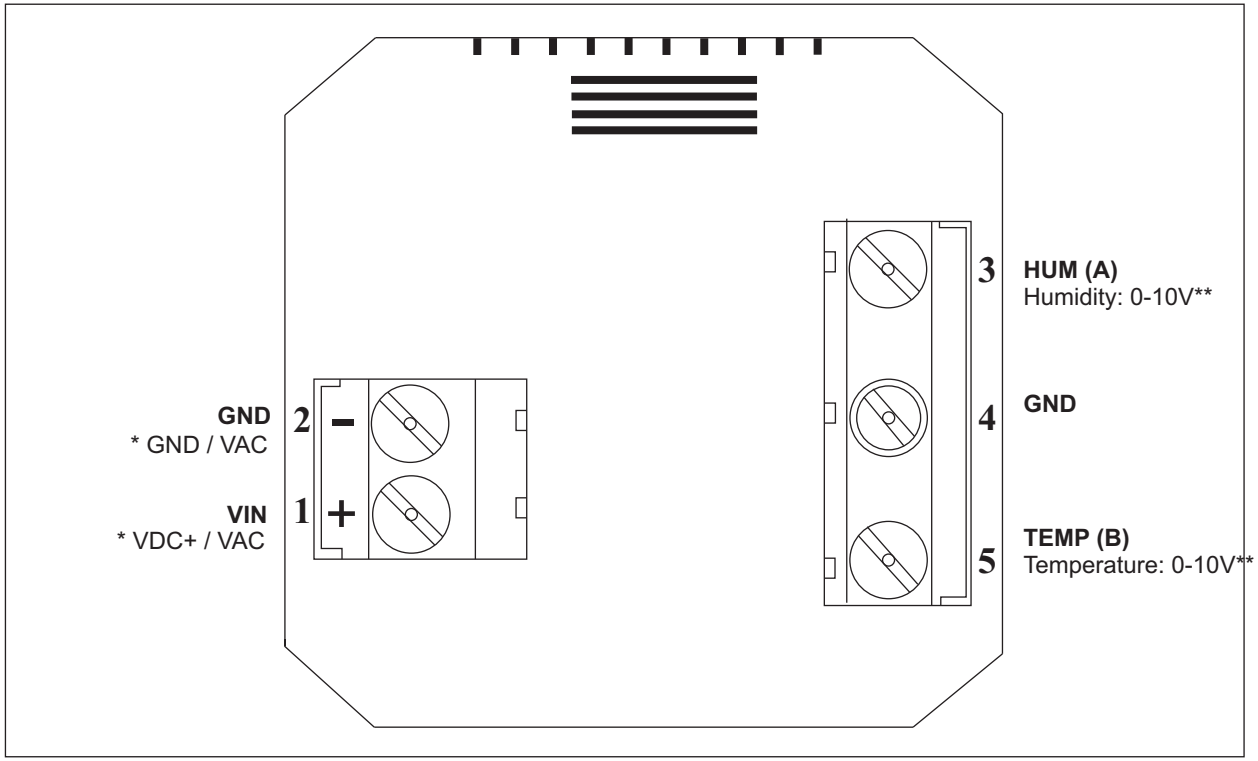
Basic Sensor 0-10V

Temperature / Humidity / Temperatur+Humidity



* Product is available for different supplies. See product numbers in the product number table.
** If the product is equipped with this sensor. See product numbers in the product number table.

Product number table:

Supply voltage	24 VAC/VDC	12 VDC
Temperature	49350	49352
Humidity	49360	49362
Humidity + Temperature	49370	49372

Technical specifications:

Supply:	
24 VAC/VDC model:	15-30 VDC (0.3W) / 24 VAC ±15% (1W)
12 VDC model:	12-15 VDC (0.3W)
External mains fuse:	maximum 1A
Ambient temperature:	0-60°C (non-condensing air)
Output temperature**:	0-10V = 0-50°C (max 5mA)
Accuracy temperature:	±1°C
Output humidity**:	0-10V = 0-100% RH (max 5mA)
Accuracy humidity:	±5% RH (10-90% RH)
Enclosure:	IP20 - Bathroom Zone 3
Dimensions:	33x85x85cm

Description:

The Basic sensor is available with outputs for temperature, humidity or combined temperature and humidity (see product number table).
The sensor is used for measuring temperature and/or relative humidity in an indoor room. The product is for wall mounting.

The output from the sensor calculated as follows:

Humidity output (depending on model choice):
%RH = Volt x 10
Example: 5,6V = 56% RH.

Temperature output (depending on model choice):
°C = Volt x 5
Example: 5 V = 25°C.

Mounting:
The combined temperature and humidity sensor should not be mounted in a location where it is exposed to direct sunlight, draft. other sources of heat (eg. tv) etc.

Drawing: 950-205711_Basic_Sensor_ES973
Rev.: 1.3
Date: 25/11-2014
Drawn by: KM/DF
Manufactured by: **LS Control A/S**

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