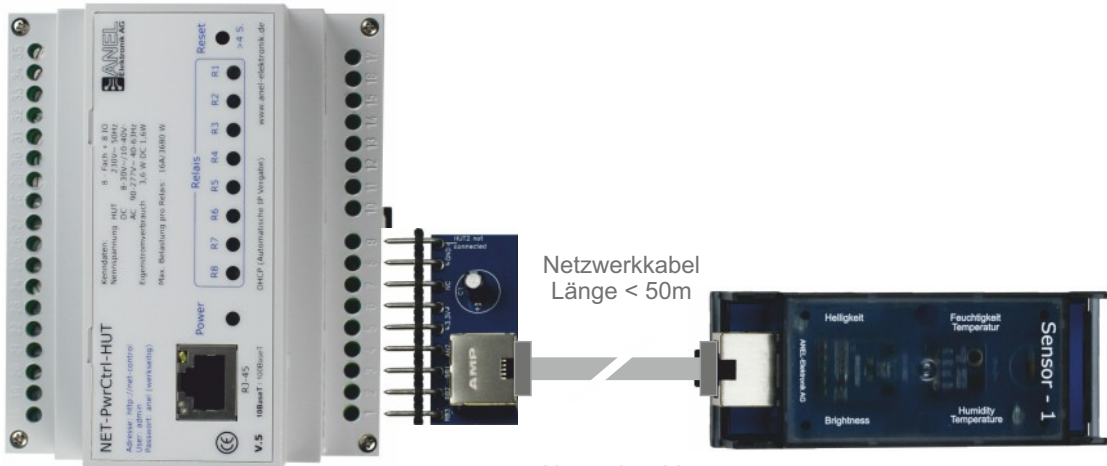


# Sensor - 1

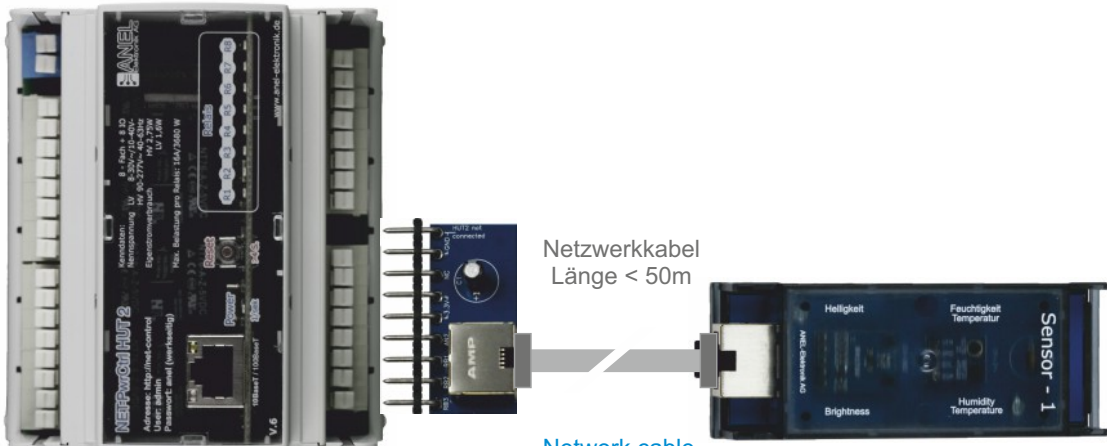
Adapter an den NET-PwrCtrl HUT wie abgebildet anschließen. Adapter und Sensor mit dem Netzkabel verbinden. Unter Einstellungen konfigurieren.

Connect the adapter to the NET-PwrCtrl HUT as shown. Connect the adapter and the sensor to the network cable. Configure under Settings.



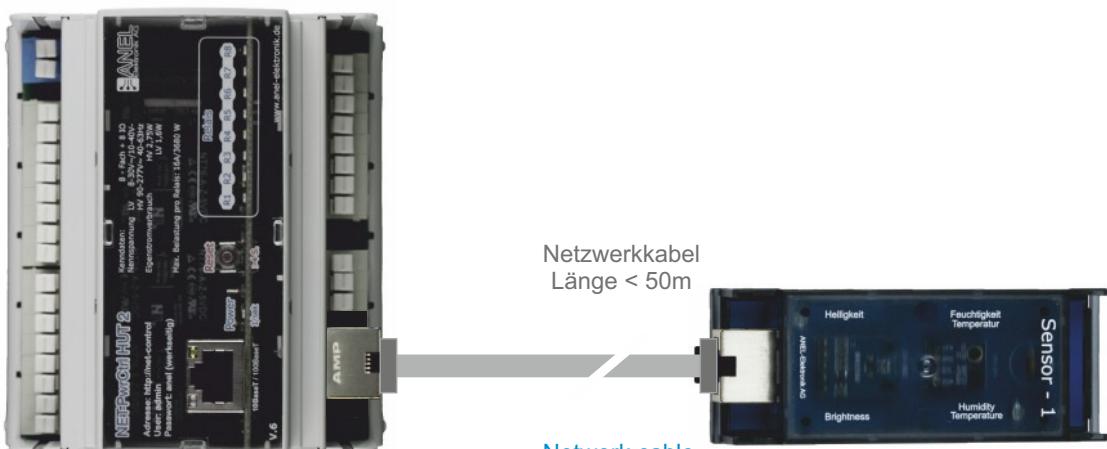
Netzkabel  
Länge < 50m

Network cable  
length < 50m



Netzkabel  
Länge < 50m

Network cable  
length < 50m



Netzkabel  
Länge < 50m

Network cable  
length < 50m

**Sensors**

The measurement interval is 16 seconds.  Measurement valid trigger: 0,00

20 seconds after the (new)start of device or the sensor is switched on, the LED 'Measurement valid' lights up green. From this moment the relays can be switched.  
 By '+/-' is meant hysteresis. In the upper area, these parameters are added up, subtracted in the lower area. 22.0 +/- 0.5 = 21.5 (off); 22.5 (on). Larger hysteresis = more fluctuations but slow switching. It also avoids repeated switching (flickering) at the switching threshold.

Switch on Sensor 1.

On/Off	Sensor	Value	Switch when		Relays									
			<	>	+/-	1	2	3	4	5	6	7	8	
<input type="checkbox"/>	Temperature	20.77 °C	<input type="radio"/>	<input type="radio"/>	22.00	0.50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Humidity	46.3 %	<input type="radio"/>	<input type="radio"/>	50.0	5.0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Brightness	24 lx	<input type="radio"/>	<input type="radio"/>	5000	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Nr.1 1

Nr.2 2

Nr.3 3

Dimmen + ↑

Nr.5 5

Nr.6 6

Nr.7 7

Dimmen - ↓

Messung	Temperatur Temperature	Feuchtigkeit Humidity	Helligkeit Brightness	Measurement
Sensor IC	SHT21	SHT21	BH1750FVI	Sensor IC
Arbeitsbereich	-40 - 125 °C	0 - 100 %RH	0 - 65535 lx	Operating Range
Auflösung	0.01 °C	0.04 %RH	1 lx	Resolution
Genauigkeitstoleranz	±0.3 °C	±2.0 %RH	1.2 lx	Accuracy tolerance
Wiederholgenauigkeit	±0.1 °C	±0.1 %RH	1 lx	Repeatability

Gehäuse:  
 HUT mit Wandhalter für die Montage  
 ohne Hut-Schiene  
 Maße:  
 L90 B35 H31mm  
 Lieferumfang:  
 Sensor, Adapter, RJ45-Kabel.

Casing:  
 DIN Rail with wall holder for mounting  
 without rail  
 Dimensions:  
 L90 B35 H31mm  
 Delivery:  
 Sensor, Adapter, RJ45 cable.

