DCbox WALL-MOUNTED TEMPERATURE & HUMIDITY TRANSMITTER
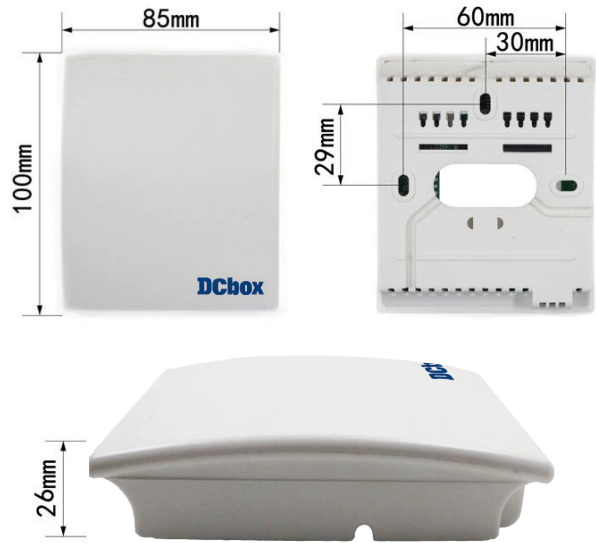
AWS

- High stability, low drift and high repeatability.
- It is safe and reliable, beautiful in appearance and easy to install.
- Original Swiss imported measuring unit, accurate measurement.
- Adopt dedicated analog quantity circuit, 10~30Vdc power.
- It can be applied to four-wire and three-wire connection at the same time.

SPECIFICATION

- ◆ DC power supply: 10~30Vdc
- ◆ Maximum power consumption: 1.2W
- ◆ Precision: humidity ±3%RH(60%RH,25℃) temperature ±0.5℃（25℃）
- ◆ Transmitter circuit operating temp. and humi.: -40~+60℃, 0~95%RH(non-condensing)
- ◆ Probe working temperature: -40~+120℃, default-40~+80℃
- ◆ Probe working humidity: 0~100%RH
- ◆ Long-term stability humidity: ≤1%RH/y
- ◆ Long-term stability temperature: ≤0.1℃/y
- ◆ Response time: humidity ≤8s(1m/s Wind speed) temperature ≤25s(1m/s Wind speed)
- ◆ Output signal: current output 4~20mA/ RS-485
- ◆ Load capacity: current output ≤600Ω

DIMENSION

85mm
100mm
60mm
30mm
29mm
26mm

ORDER INFORMATION

AWS- [Code1] - [Code2] - [Code3]

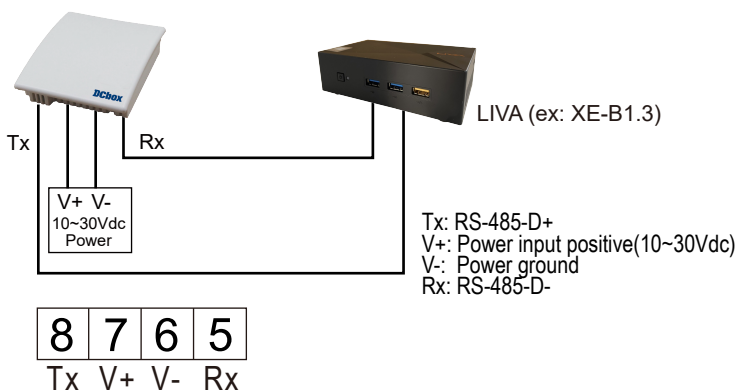| Code1	Output Signal	Code2	Type	Code3	Baud Rate (bit/s)
4A6	4~20mA Current	5	Wall mounted	24	2400
Y	RS-485			48	4800 (Default)
				96	9600

INSTALLATION

Gently press the buckle on the back of the transmitter to open the back cover of the transmitter.

Pass the cable to be connected through the hole in the back cover of the transmitter, and screw it to the corresponding terminal with a screwdriver.

Fix the back cover on the wall with screws, and install the front cover with a snap.

WIRING CONNECTION

● RS-485 (Default baud rate: 4800 bit/s)

Tx
Rx
V+ V-
10~30Vdc Power
LIVA (ex: XE-B1.3)

Tx: RS-485-D+
V+: Power input positive(10~30Vdc)
V-: Power ground
Rx: RS-485-D-

8	7	6	5
Tx	V+	V-	Rx

● 4~20mA 4 wire (Wide voltage 10~30V DC power input)

T
RH
V+ V-
10~30Vdc Power
Meter (ex:MA4)

T: Temperature analog signal positive
V+: Power input positive 24Vdc
V- : Power ground
Temperature analog signal negative
Humidity analog signal negative
RH: Humidity analog signal positive

8	7	6	5
T	V+	V-	RH