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4-20MA OUTPUT WITH DISPLAY



4-20mA RS485 Modbus wall-mounted temperature and humidity transmitter
Sensor with display track installation

5.0 v 12 Reviews 98 orders

DKK 227.01

Price includes VAT

Color: CWT-XYTH-A-D



Quantity:

– 1 + 9937 Pieces available

Ships to Denmark

Shipping: DKK 69.55

Fast Delivery on orders over DKK 74.37 Estimated delivery on Jan 05
to Denmark

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[Contact](#)[+ Follow](#)[Visit Store](#)**DKK 244.02****DKK 56.99****DKK 279.91****DKK 111.25****DKK 132.78****DKK 194.65****DESCRIPTION****CUSTOMER REVIEWS (12)****SPECIFICATIONS**[Report Item](#)

IP65 Protection RS485
Temperature Humidity
**USD 12.40-
32.60/piece**



4-20mA RS485 Modbus
wall-mounted
**USD 18.80-
25.30/piece**



DIN35 Rail Modbus Rtu
RS485 Temperature
USD 6.50/piece



RS485 PT100
temperature sensor
**USD 21.70-
28.20/piece**



RS485 Modbus Water
Proof Temperature
**USD 6.35-
11.86/piece**



RS485 Modbus 4-20mA
0-5V Output
**USD 24.70-
32.80/piece**



RS485 4-20mA Soil
Temperature Humidity
**USD 16.00-
58.20/piece**

4-20mA RS485 Modbus wall-mounted temperature and humidity transmitter Sensor with display track installation

Top Selling

**DKK 168.66**

★ 5.0

99 Sold

**DKK 244.02**

★ 5.0

37 Sold

**DKK 159.69**

★ 5.0

86 Sold

**DKK 381.25**

★ 5.0

35 Sold

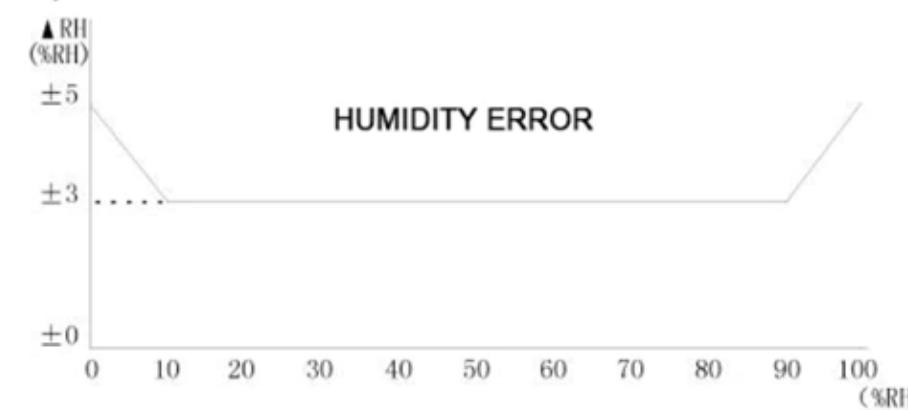
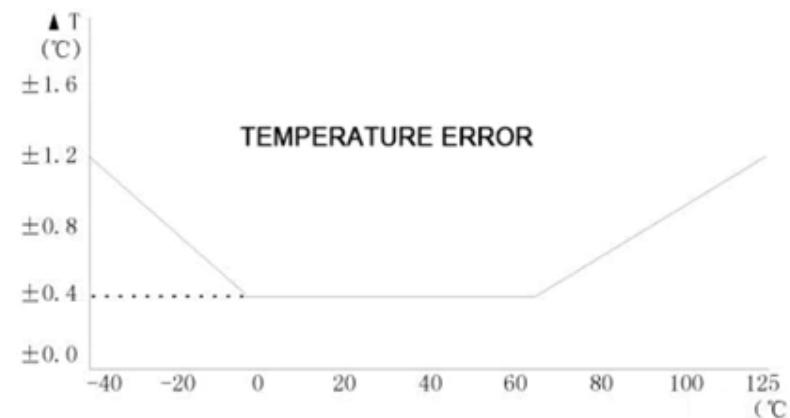
**Basic parameters**

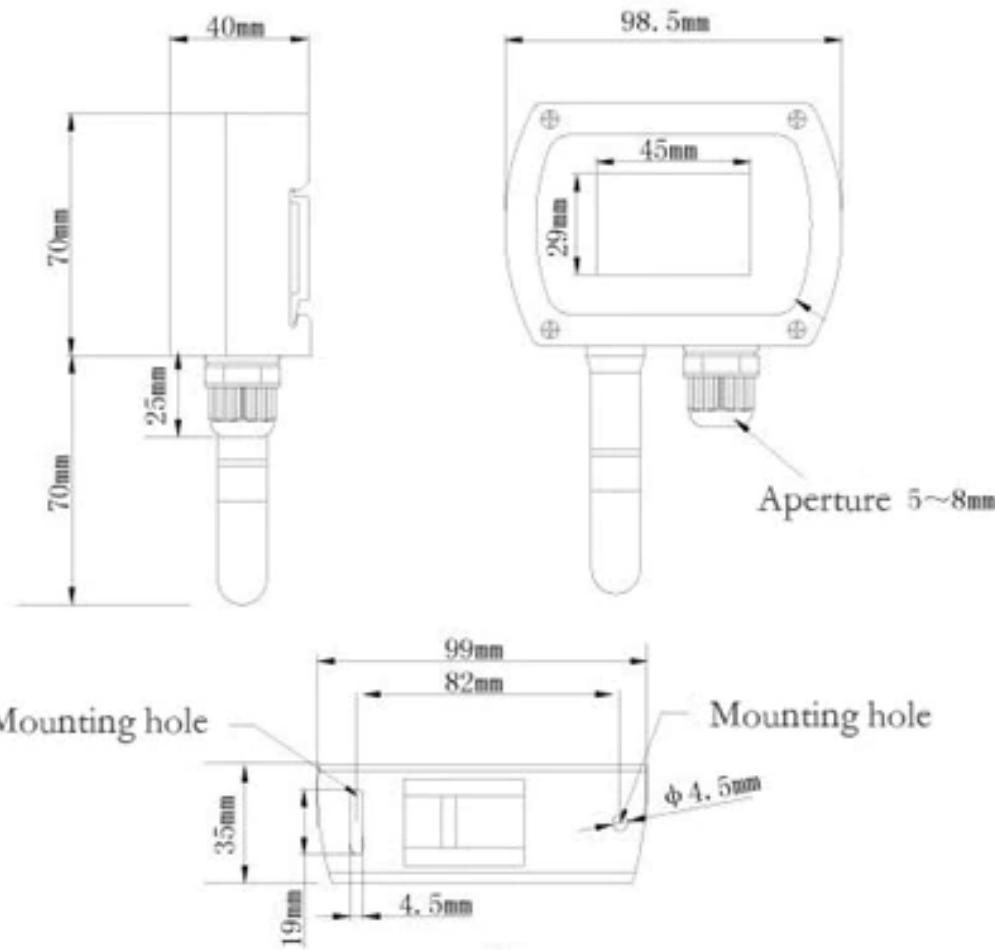
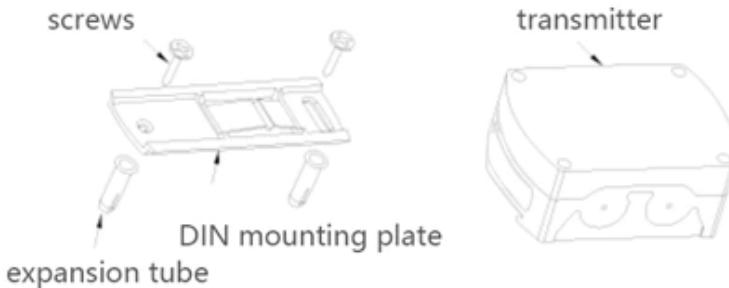
Power supply	12-24VDC
Power consumption	≤0.2W
Temperature measuring range	-40~0~125°C
Humidity measuring range	0-100%RH (relative humidity)
Working conditions	ambient temperature -40~85°C, ambient humidity 5%~95%RH
Stable performance	1%RH FS/year, ±0.2°C/year
Seismic performance	5g (20...2000HZ)
Working environment	-40~85°C / 5~95%RH
Output	RS485 (Modbus RTU protocol)
Protection level	IP65
Measuring medium	gas (compatible with contact material)
Overall material	main body shell (contact) ABS engineering plastic

**DKK 870.24**

★ 5.0

16 Sold

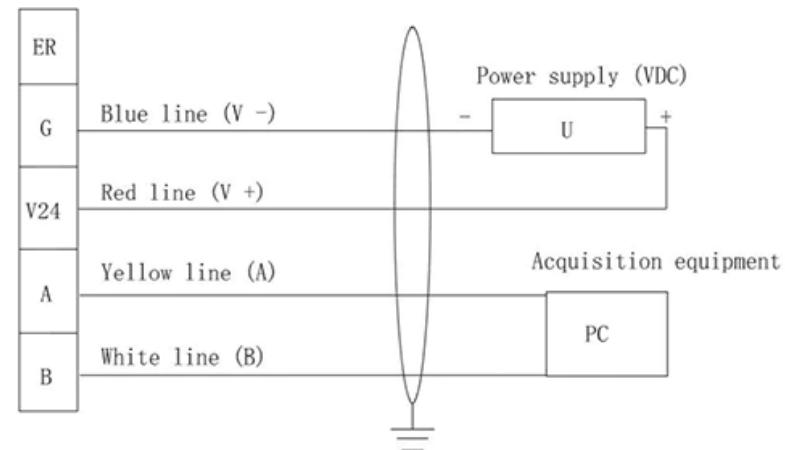
[View More >](#)**Size**

**Mounting method: Wall mounting or DIN**

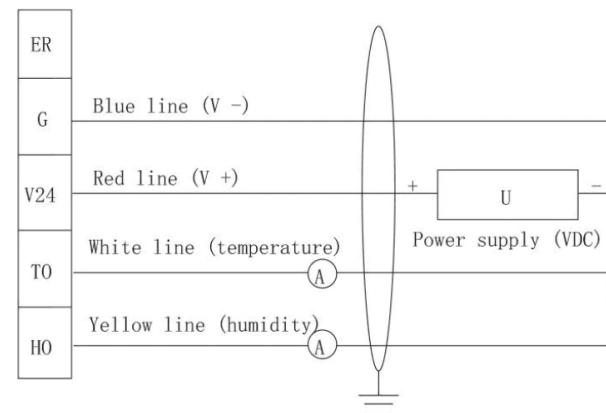
Open encloser to Wire



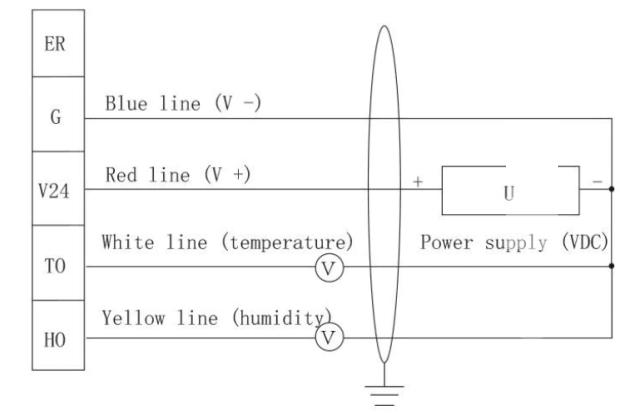
RS485 (digital signal) output wiring diagram (four wire system)



Current output wiring diagram (three wire system)



Voltage output wiring diagram (three wire sys



RS485 communication Default parameters: 9600,n,8,1

Default device address is 1

Modbus RTU protocol

Read status registers, read function code: 0x30					
Register address (Hex)	PLC Address (decimal)	meaning	Number of bytes	content	remark
0000	40001	temperature	2	0-1650 correspond to -40~125°C	Read
0001	40002	humidity	2	0-1000 correspond to 0-100%RH	Read
Parameters registers, read function code: 0x30, write function code: 0x60					
000F	40016	Slave ID	2	1-254	Read/Write

E.g. master read temperature humidity:

Address	Function Code	Start Address (Hi)	Start Address (Lo)	Number of Points (Hi)	Number of Points (Lo)	Error Check (Lo)	Error Check (Hi)
0x01	0x03	0x00	0x00	0x00	0x02	0xC4	0X0B

Sensor responds:

Address	Function Code	Number of byte	Humidity value	Temperature value	Error Check (Lo)	Error Check (Hi)
0x01	0x03	0x04	0x00 0xF8	0x01 0x77	0x3A	0 +

Temperature calculates:

00F8 (HEX)= 248 (DEC)

Output value 0~1650 corresponds to -40~125°C

Temperature=125-(-40)*248/1650-40=-15.2°C

Humidity calculates:

00177 (HEX)= 375 (DEC)

Output value 0~1000 corresponds to 0~100%RH

humidity=374*100/1000=37.5%RH

Set slave ID

E.g., set slave ID=9, Master sends

Address	Function Code	Start Address (Hi)	Start Address (Lo)	ID	Error Check (Lo)	Error Check (Hi)
0x01	0x06	0x00	0x0F	0x00 0x09	0x79	0xCF

Sensor responds:

Address	Function Code	Start Address (Hi)	Start Address (Lo)	ID	Error Check (Lo)	Error Check (Hi)
0x01	0x06	0x00	0x0F	0x00 0x09	0x79	0xCF

Enquiry slave ID

Master sends

Address	Function Code	Start Address (Hi)	Start Address (Lo)	Number of Points (Hi)	Number of Points (Lo)	Error Check (Lo)	Error Check (Hi)
0xFF	0x03	0x00	0x0F	0x00	0x01	0xA1	0xD7

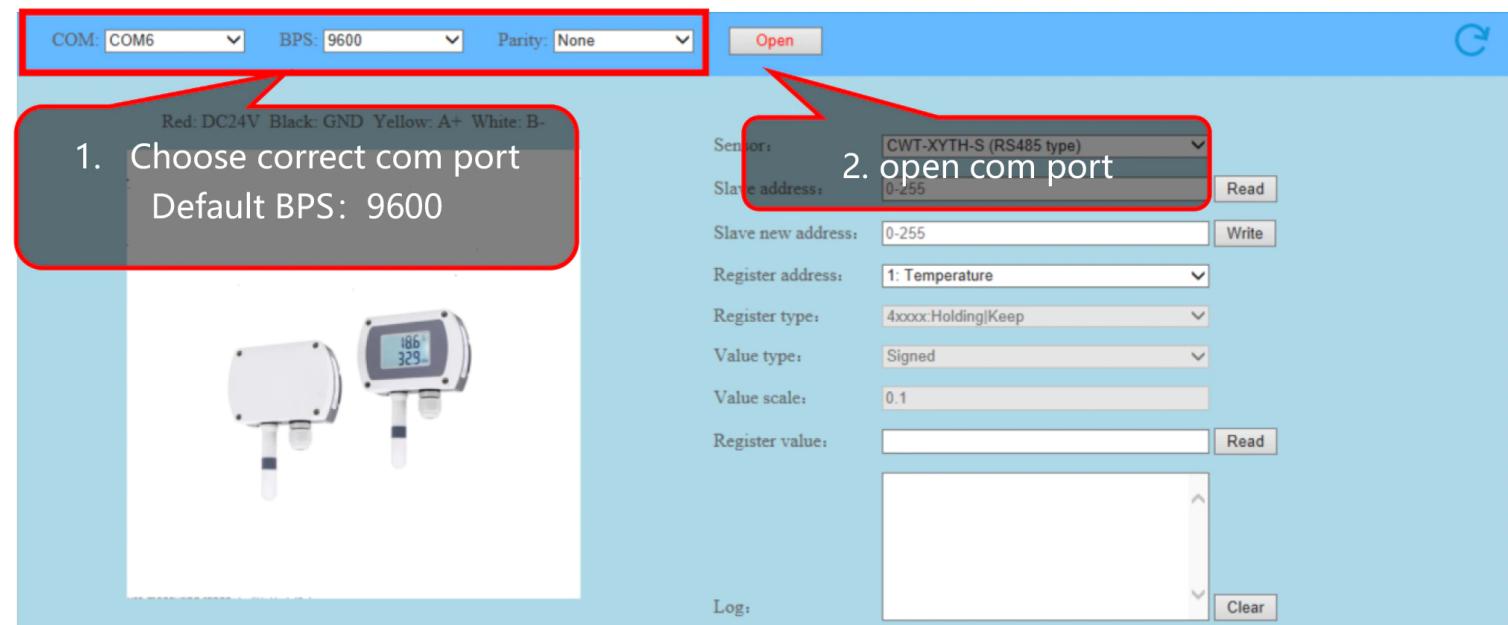
Sensor responds:

Address	Function Code	Number of Points	address	Error Check (Lo)	Error Check (Hi)
0xFF	0x03	0x02	0x00 0x01	0x50	0x50

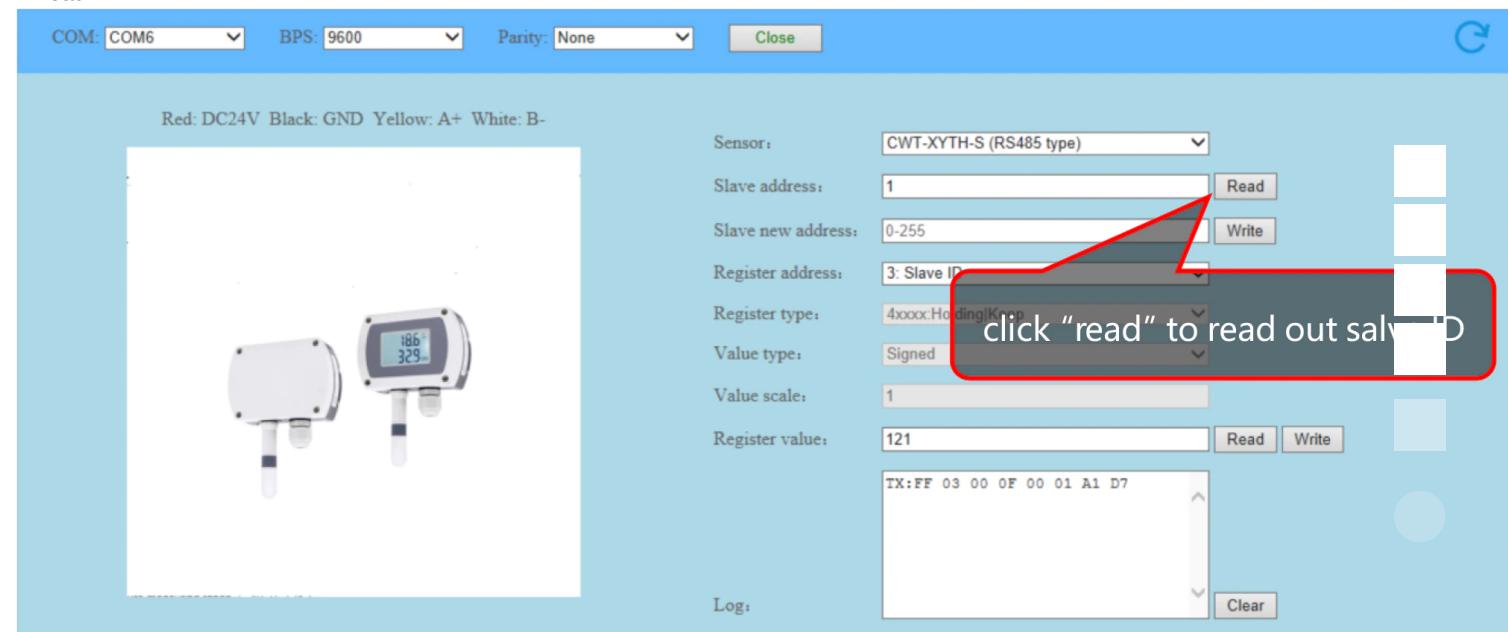
CWT-XYTH config tool instruction

1 Connect sensor

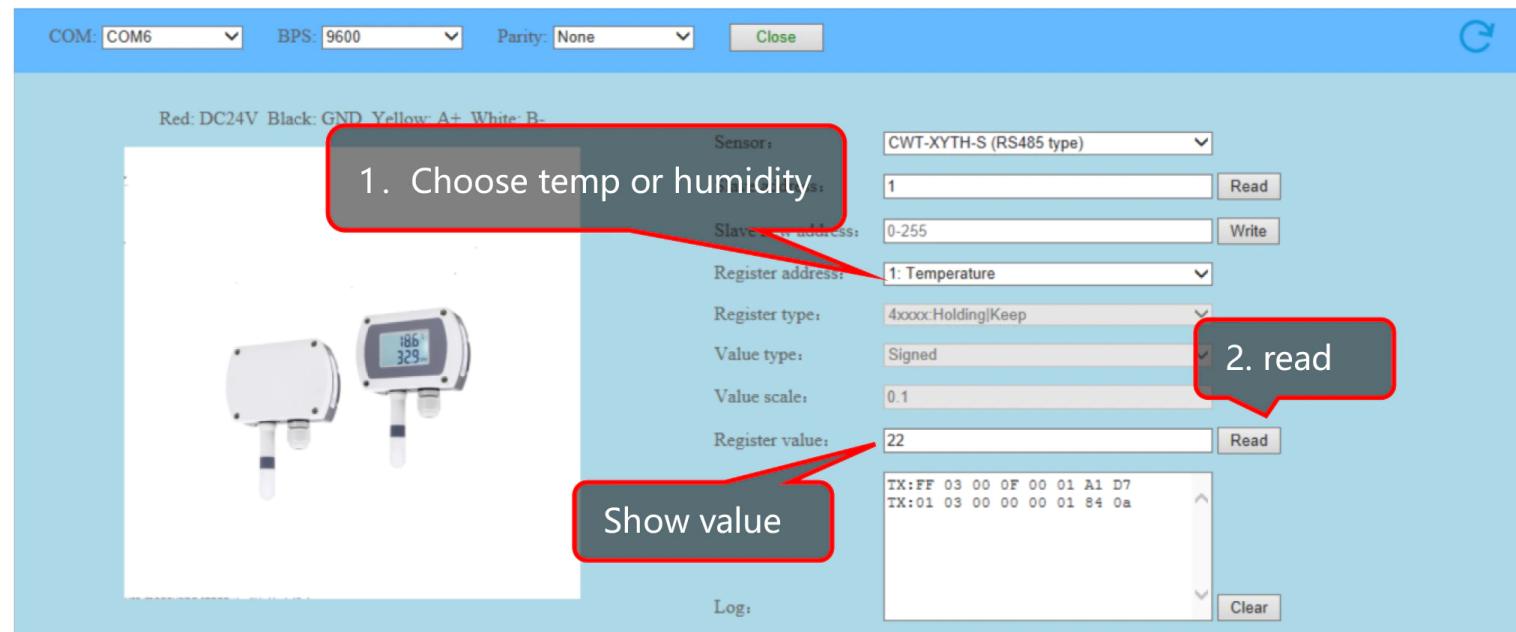
Connect sensor to PC by a RS485 to USB converter

**2 Read value**

2.1 read ID

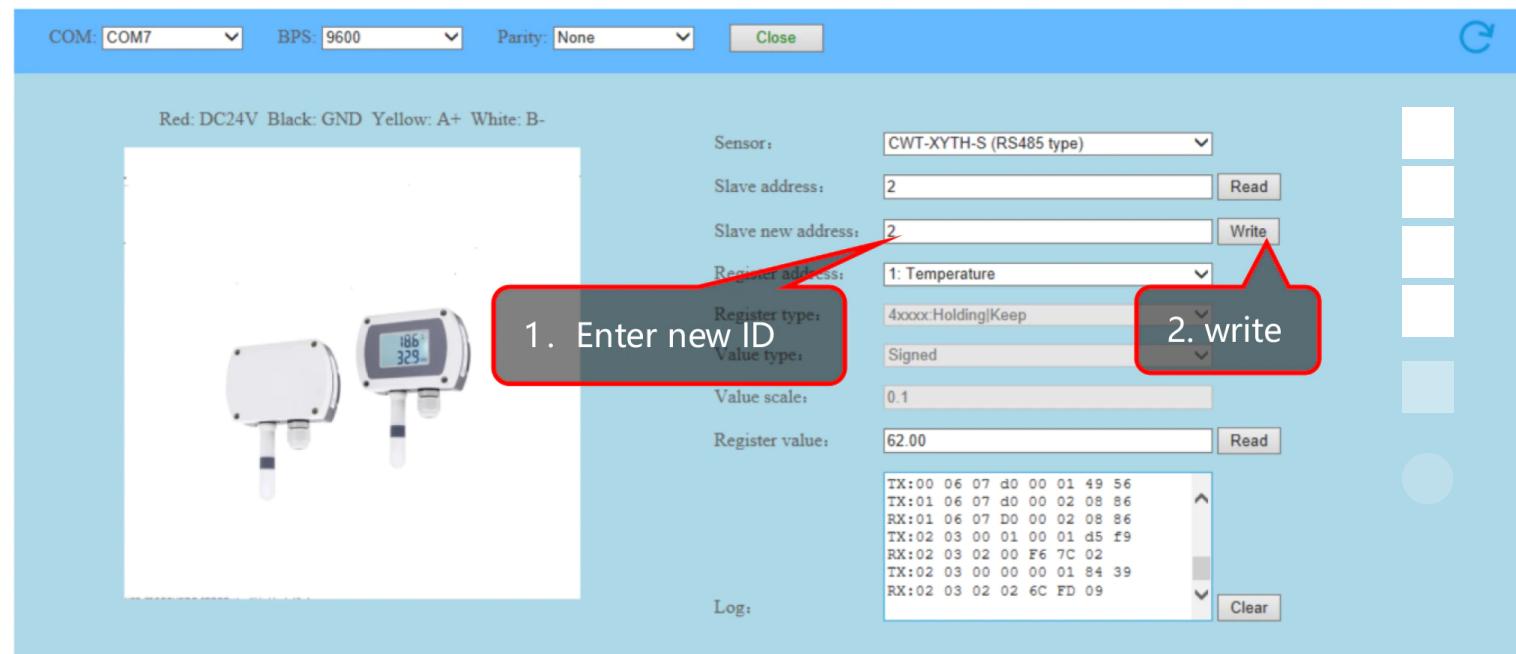


2.2 read temperature or humidity



3 Set parameters

3.1 Set ID



Customer Reviews (12)

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100%

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 Only from your country Translate to English

Sort by default

A*o**

MX

Color: CWT-XYTH-S-D Logistics: AliExpress Standard Shipping

The sensor works well, the modbus configuration and communication is very clear. 27 Jul 2022 17:30

Helpful? Yes (0)

No (1)

A*v**

RU

Color: CWT-XYTH-S-D Logistics: AliExpress Standard Shipping

Corresponds to the description 31 Oct 2022 11:06

Helpful? Yes (0) No (0)

N*v**

RU

Color: CWT-XYTH-S-D Logistics: AliExpress Standard Shipping

Quality at altitude. Thank you! 04 Oct 2022 00:50

Helpful? Yes (0) No (0)

O*z**

TR

Color: CWT-XYTH-S-D Logistics: AliExpress Standard Shipping

12 Nov 2022 02:41

Helpful? Yes (0) No (0)

M*r**

SA

Color: CWT-XYTH-V-D Logistics: AliExpress Standard Shipping

30 Jul 2022 14:12

Helpful? **M***V**

RU

Color: CWT-XYTH-A-D Logistics: AliExpress Premium Shipping

04 Aug 2022 02:42

Helpful? **E***v**

RU

Color: CWT-XYTH-A-D Logistics: AliExpress Standard Shipping

01 Jul 2022 03:36

Helpful? **AliExpress Shopper**

TH

Color: CWT-XYTH-S-D Logistics: AliExpress Standard Shipping

12 Aug 2022 23:54

Helpful? **A***v**

RU

Color: CWT-XYTH-A-D Logistics: AliExpress Standard Shipping

22 Aug 2022 21:43

Helpful? **AliExpress Shopper**

IL

Color: CWT-XYTH-A Logistics: AliExpress Standard Shipping

25 Jun 2022 04:32

Helpful?

< 1 >

Buyer Questions & Answers (2)

English instructions would be good. otherwise it cannot be used. no information on how to connect or use modbus?

English instructions?

< 1 >

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Light sensor 0-10V 0-5V 4-20...

DKK121.15

63 sold ★4.8



0-5V 0-10V 4-20mA RS485 Pla...

DKK583.15

10 sold ★5



8 channels PT100/PT1000 Rs...

DKK381.25

35 sold ★5

Fast Delivery on DKK 74.37



0-5V/0-10V/4-20MA/RS485 So...

DKK894.42

8 sold ★5



Temperature Humidity Transducer

DKK221.63

4 sold ★5





DIN35 Rail Modbus Rtu RS485...

DKK58.28

7 sold ★5

Fast Delivery on DKK 74.37



433M Long Distance Wireless...

DKK538.29

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RS485 Ultrasonic Wind Speed...

DKK852.29

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CO sensor CO transmitter car...

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CWT-BY Outdoor Atmosphere...

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RS485 Modbus Water Proof T...

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Temperature Sensor Probe Li...

*Jacy's store***DKK190.91**

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Ultrasonic Water Meter Batte...

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WP8026ADAM (16DI) _ Digit...

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Wall-mounted temperature a...

**CN1501541594****DKK311.42**

17 sold ★5

duct temperature and humidit...

Free Shipping

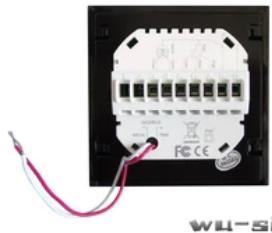
**DKK809.88**

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LCD Digital Display Sensitive ...

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19 sold ★ 4.8
Modbus& RS485 RTU commu...
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16 sold ★ 5
Indoor wall mounted with dis...

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18 sold ★ 5
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46 sold ★ 4.8
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6 sold
485 Temperature Humidity T...

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9 sold ★ 5
Kincony E16T 16A Tuya ESP3...
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24 sold ★ 5
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4 sold ★ 5
Sky-Watcher Star Adventurer...

**DKK1,067.61**

58 sold ★ 5
Digital Wallmount Carbon Di...

**DKK4,216.6**

3 sold
AheadX DL900 Datalink, 900...
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**DKK399.84**

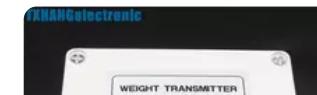
1 sold
RO reverse osmosis controlle...

**DKK242.23**

64 sold ★ 4.9
WP3066ADAM (8 DS18B20) ...

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Extra 1% off with coins
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MasterXu Kaisi K-508 Smart S...

WorldChips

**DKK 7.25**

Extra 3% off with coins

40 sold ★ 4.7

SHT10 SHT20 Copper Particle...

**DKK 34.09**

204 sold ★ 4.8

USR-DR302 Din Rail Serial RS...

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10 sold ★ 5

iOptron SkyTracker Pro Auto...

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19 sold ★ 5

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**DKK 197.95**

9 sold ★ 5

RS485 temperature and hum...

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