PCD03 High pressure Dew Point Transmitter

Features

- High accuracy and long-term stability
- Capable of temperature compensation and linear adjustment
- Standard MODBUS RTU protocol, RS-485 communication interface
- More size of connector for different environment to be easily installed
- High pressure, low humidity, dew point Max scaling range – 60 ~ + 40 dp℃
- Free programmable software which can adjust dew point range

Applications

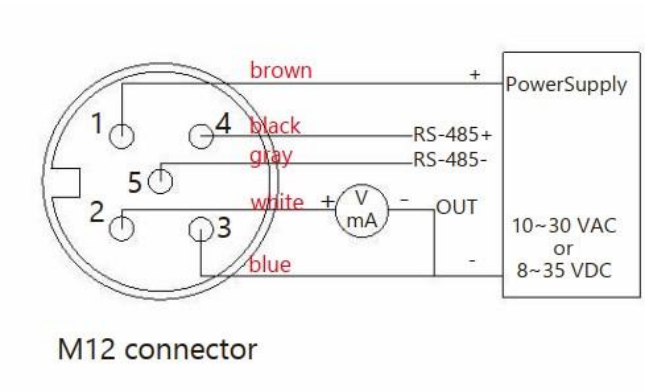
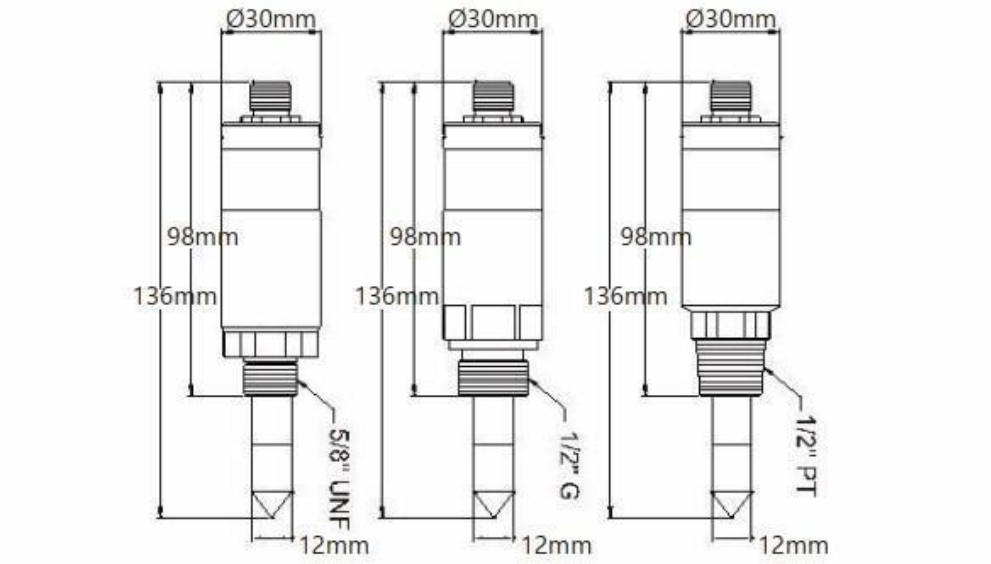
- Compressed air system / Freezer / Adsorption machine
- Plastic dryer / Industrial drying process
- Paper / Chemical process monitoring

Notes:

The price doesn't include the display, if you need it, please contact business manager for a separate quote.

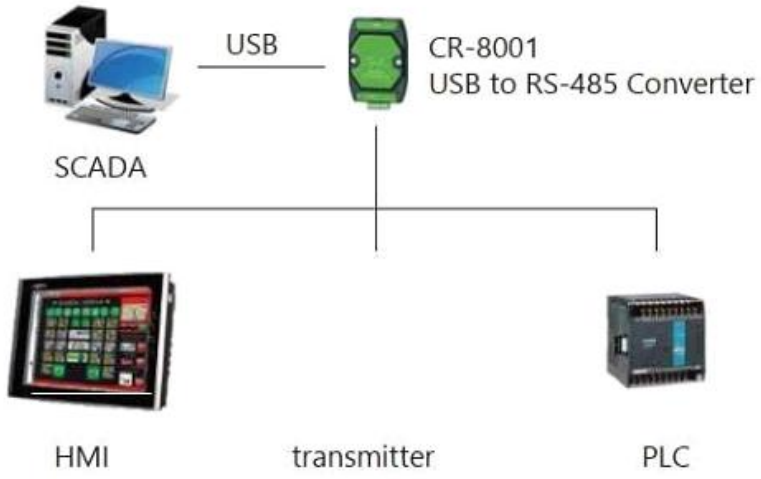
Performance parameters	
DP range	- 60 to +40 dp ℃
Output signal	Standard RS-485 & 1 analog output
	0-20mA / 4-20 mA / 0-1VDC / 0-5VDC / 0-10VDC
Signal connection	3-wire
Modbus	Standard RS-485 & 1 analog output
Power Supply	8VDC to 35VDC & 10VAC to 30VAC
Linear accuracy	± 2 dp ℃ (at + 25 ℃) ± 0.02%F.S/℃
Response time	< 20S (temp.at+25℃)
Operating temp. for housing	- 40 ~ + 80 ℃
Operating humidity for housing	0 ~ 95 RH %
Operating temp. for probe	- 70 ~ + 80℃
Storage temperature	- 25 ~ + 60 ℃
Bearable pressure	16 bar
Current	DC24V, 50 mA
Consumption	M12 connector
Power Supply	8-35 VDC & 10-30 VAC
Protection	Body IP65 (probe : IP20)
Housing	S.S.(SUS304)
Probe	S.S. (SUS304) / SUS sintered filter (SUS316)
Weight	233g

Wire connection & Dimension

Wire connection	 M12 connector
Dimension	

※Standard---PVC --5PIN 2M waterproof cable

USB to Isolated RS485



※Require Device

1. PC
2. RS-485 to USB Converter
3. Power Supply
4. PCD03 UI Software

How to order

Type	PCD03	—	C	1	Y
Dew point measuring range	-20 ~ +20 ℃ -40 ~ +20 ℃ -60~ +40 ℃	— — —	A B C		
Connector	1/2”PT (R1/2”) 1/2”G 5/8”UNF			1 2 3	
Display					Y N

* The price doesn't include the display, if you need it, please contact business manager for a separate quote.

Contact us

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