

# High Pressure Dew Point Transmitter

## KWDP03

### 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 – 100 ~ + 60 dp°C
- 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



Display Sold Separately

**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 °C
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 °C ( at + 25 °C) ± 0.02%F.S/°C
Response time	< 20S (temp.at+25 °C)
Operating temp. for housing	- 40 ~ + 80 °C
Operating humidity for housing	0 ~ 95 RH %
Operating temp. for probe	- 70 ~ + 80°C
Storage temperature	- 25 ~ + 60 °C
Bearable pressure	16 bar
Current	DC24V, 50 mA
Consumption	M12 connector
Protection	Body IP65 ( probe : IP20)
Housing	S.S.( SUS304)
Probe	S.S. ( SUS304 ) / SUS sintered filter ( SUS316 )
Weight	233g

