

PCD01 Dew Point Transmitter




- Patented drift-free α -Al₂O₃/SiO₂ hybrid dielectric humidity sensor
- Ultra-fast response time ensures safe and reliable monitoring
- Very low hysteresis makes it capable of giving reliable reading during rapid humidity change

Dew point range	
DP range	-60 to +20°C dew point -80 to +20°C dew point (available)
Output signal	
Output	4 to 20mA(typical)
Specification	
Supply	9VDC (6VDC to 12VDC)
Accuracy	±2°C dew point
Response time	5 sec to 63% (> -50°C DP) 5 to 300 sec to 63% (< -50°C DP)
Operating temp.	0 to +50°C -30 to +50°C (available)
Repeatability	0.5°C dew point
Operating pressure	5MPa

	15 MPa (available)
Pressure connection	G1/2" (Customization available)
Housing material	Stainless steel
Sensor protection	Stainless steel weaving filter with pore sizes < 8μm
EMC	According to IEC 61326-1

Wire connection

	Wire	Color	Connection
	1	Brown	GND
	3	Blue	Output+
	4	Black	Supply+

Wotian reserves the right to make changes to any product in this publication without notice. The information we supply is believed to be accurate and reliable as of this printing.

Contact us

Nanjing Wotian Technology Co.,Ltd.
 Add: 5 Wenying Road, Binjiang Development Zone, Nanjing, 211161, China
 Sales Manager: Wuzhou Lian
 MP: 0086-13998828452
 Email: lianwuzhou@wtsensorus.com

Anshan Wotian Sensor Corp. (**Branch** Factory)
 Add: 262, Yueling Road, Gaoxin District, Anshan, China
 Sales Manager: Wuzhou Lian
 MP: 0086-13998828452
 Email: lianwuzhou@wtsensorus.com

American Company
 Wotian Sensor Corporation
 Sales Manager: Geoffery Gao
 MP: 001- 626 808 1707
 E-mail: geoffery@wtsensorus.com

German Company
 Wotian Sensor GmbH
 Sales Manager: Frances
 E-mail: frances@wtsensorus.com

Korean Company
 Korea Wotian Technology Co., Ltd.
 Sales Manager: Yinji An
 MP: 0086- 13478122009
 E-mail: anyinji@wtsensorus.com