

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+

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