

Main Specifications	Other Specifications
<b>▼ Installation type</b> Bottom mount <b>▼ Pressure connection</b> Ø8 barb thread / M8x1 thread Material: Brass (standard) / Aluminum alloy (option) <b>▼ Pressure range</b> 0...60Pa~200kPa For details please refer to differential pressure range table <b>▼ Electrical connector</b> Hirschmann connector Waterproof connector (option) <b>▼ Applicable fluid</b> Non-corrosive gas <b>▼ Ambient temperature</b> -20...70°C <b>▼ Ambient humidity</b> ≤85% R.H.	<b>▼ Case</b> ABS <b>▼ Screen display</b> 5-digit LCD display with white backlight <b>▼ Power supply</b> 12...45VDC <b>▼ Output signal</b> 4~20mA <b>▼ Response time</b> 0.1~1.6sec (Vary from measurement range) <b>▼ Switchable unit</b> Psi, Pa, kPa, MPa, mbar, bar, mmHg, torr, atm, %, mm, cm, m, inH <sub>2</sub> O, ftH <sub>2</sub> O, inHg, g, kg/cm <sup>2</sup> , mA, mmH <sub>2</sub> O <b>▼ Accuracy</b> 0.2% (@>35kPa) 0.5% (@1~35kPa) 1.0% (@<1kPa) <b>▼ Repeatability &amp; Hysteresis</b> 0.05% <b>▼ Stability</b> ±0.1%F.S. / year <b>▼ Compensated temperature</b> 0~50°C <b>▼ Temperature drift</b> ±0.02%F.S./°C <b>▼ Overpressure</b> 3x F.S. (0...160kPa) 500 kPa (160...200kPa) <b>▼ Other requests (Option)</b> Third party notarized documents Inspection report Tag

## Digital Micro Differential Pressure Transmitter

### Model: DMPT-301-5CD

### Introduction

DMPT-301-5CD digital micro pressure transmitter is mainly used in air micro pressure measurement, wind velocity/pressure measurement & control, leakage detection for HVAC, cleanroom, boiler or power plant field application.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

## Features

- OEM service
- Specially designed for air micro pressure (positive/negative/differential) measurement
- Humid / turbid air media measurable
- High accuracy & stability
- Adjustable span (ratio 10:1) with auto linear compensation
- Output current value & direction calibration
- Self-correction & auto alarm function when detecting error
- Adjustable damping -  
Less affected by dynamic pressure
- Switchable pressure unit

## Pressure range table

Code	Single side pressure range	Differential Pressure range
MD1	0~60Pa	± 30Pa
MD2	0~100Pa	± 50Pa
MD3	0~250Pa	± 120Pa
MD4	0~500Pa	± 250Pa
MD5	0~1kPa	± 500Pa
MD6	0~2kPa	± 1kPa
MD7	0~5kPa	± 2.5kPa
MD8	0~10kPa	± 5kPa
MD9	0~16kPa	± 8kPa
MD10	0~25kPa	± 12.5kPa
MD11	0~40kPa	± 20kPa
MD12	0~60kPa	± 30kPa
MD13	0~100kPa	± 50kPa
MD14	0~200kPa	± 100kPa

## How to order

DMPT-301-5CD		Digital Micro Differential Pressure Transmitter				
		Code	Pressure connection			
		B8	ø8 barb thread			
		M8	M8x1 female thread			
		O	Others (please specify)			
		Code	Connection material			
		B	Brass			
		AL	Aluminum alloy			
		Code	Pressure range			
		MD4	Please refer to pressure range table to select corresponding code			
		Code	Electrical connector			
		H	Hirschmann connector			
		W	Waterproof connector			
DMPT-301-5CD	B8	B	MD4	H	Order example: DMPT-301-5CD-B8-B-MD4-H	