

## Main Specifications

## ▼ Installation type

Bottom mount

## ▼ Pressure connection

Ø8 barb thread / M8x1 thread

Material:

Brass (standard) /

Aluminum alloy (option)

## ▼ Pressure range

0...60Pa~200kPa

For details please refer to differential pressure range table

## ▼ Electrical connector

Hirschmann connector

Waterproof connector (option)

## ▼ Applicable fluid

Non-corrosive gas

## ▼ Ambient temperature

-20...70°C

## ▼ Ambient humidity

≤85% R.H.

## ▼ Protection level

IP65

## Other Specifications

## ▼ Case

ABS

## ▼ Screen display

5-digit LCD display with white backlight

## ▼ Power supply

12-36VDC

## ▼ Output signal

4~20mA

## ▼ Response time

0.1~1.6sec

(Vary from measurement range)

## ▼ Switchable unit

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

## ▼ Accuracy

±0.2% (@>35kPa)

±0.5% (@1~35kPa)

±1.0% (@<1kPa)

## ▼ Repeatability &amp; Hysteresis

±0.05%

## ▼ Stability

±0.1%F.S. / year

## ▼ Compensated temperature

0~50°C

## ▼ Temperature drift

±0.02%F.S./°C

## ▼ Overpressure

3x F.S. (0...160kPa)

500 kPa (160...200kPa)

## ▼ Other requests (Option)

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									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
B8	Pressure connection	B8	∅8 barb thread	M8	M8x1 female thread	O	Others (please specify)	-	-
B	Connection material	B	Brass	AL	Aluminum alloy	-	-	-	-
H	Electrical connector	H	Hirschmann connector	W	Waterproof connector	-	-	-	-
Custom	Pressure range	Please refer to pressure range table to select corresponding code							
/B	Other requests	/A	Third party notarized document						
		/B	Inspection report (issued by Re-Atlantis)						
		/C	Tag						

Order example: DMPT-301-5CD - B8 - B - H - MD4 - /B