

Main Specifications

▼ Type
 4-digit LED display▼
 DMPT-300-4ED
 No display▼
 DMPT-300
▼ 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.
▼ Temperature drift
 Every 10°C max. error ±0.3%

Other Specifications

▼ Case
 ABS
▼ Power supply
 12...36 VDC
▼ Output signal
 4~20mA
▼ Pressure unit
 Please refer to unit-code table
▼ Accuracy
 0.2% (@>35kPa)
 0.5% (@1~35kPa)
 1.0% (@<1kPa)
▼ Stability
 ±0.8%F.S. / year
▼ Overpressure
 3x F.S. (0...160kPa)
 500 kPa (160...200kPa)
▼ Other requests (Option)
 Third party notarized
 documents
 Inspection report
 Tag

Differential Micro Pressure Transmitter

Model: DMPT-300 Series

Introduction

DMPT-300 series differential 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.



Unit-code table

Code	Unit
U1	Psi
U2	Pa
U3	kPa
U4	MPa
U5	mbar
U6	bar
U7	mmHg
U8	torr
U9	atm
U10	%
U11	in. H ₂ O
U12	ft. H ₂ O
U13	in. Hg
U14	g
U15	kg/cm ²
U16	mA
U17	mmH ₂ O

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

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
- Great anti-interference performance
- LED field display available upon request

How to order

DMPT-300 Series		Differential Micro Pressure Transmitter					
Code	Type						
N	No display						
4ED	LED display						
Code	Pressure connection						
B8	ø8 barb thread						
M8	M8x1 female thread						
O	Others (please specify)						
Code	Pressure range						
MD4	Please refer to pressure range table to select corresponding code						
Code	Electrical connector						
H	Hirschmann connector						
W	Waterproof connector						
Code	Pressure unit						
U2	Please refer to unit-code table						
Code	Connection material						
B	Brass						
AL	Aluminum alloy						
DMPT-300	4ED	B8	MD4	H	U2	B	Order example: DMPT-300-4ED-B8-MD4-H-U2-B