



Note: Sections A and B must be completed for pricing. Section C must be completed prior to order submission to Paragon.

**SECTION A
TRANSDUCER MODEL**

Type
DPT=Differential Pressure Transducer
DPIT=Differential Pressure Indicating Transducer

Series
4001=Two Wire (4-20 mA Output)
4003=Three Wire (0-5/0-10 VDC Output)
4005=Four Wire (Selectable Output)

Feature
DPT/DPIT-4005 Series
M=Magnehelic Pressure Gauge

Notes:

- If none of the above listed features are required leave this field blank.
- Paragon does not recommend using Magnehelic Gauges on applications with full scale pressure ranges less than 0.10 in. w.c.

**SECTION B
TRANSDUCER OPTIONS**

B1: Transducer F.S. Accuracy
DPT/DPIT-4001 & 4003 Series
1=0.8% Full Scale Accuracy (Standard)
2=0.4% Full Scale Accuracy
DPT/DPIT-4005 Series
3=0.5% Full Scale Accuracy (Standard)
4=0.25% Full Scale Accuracy

B2: Ultra Low Velocity/Pressure Add
0=Not Required
1=Include Ultra Low Velocity/Pressure Add

Notes:

- The Ultra Low Velocity/Pressure Add is required on applications with full scale velocities less than or equal to 1,266 fpm or on applications with full scale pressure ranges less than or equal to 0.10 in. w.c. A velocity calculator is included in the DPT/DPIT Order Form.

B3: Enclosure Options
DPT/DPIT-4001 & 4003 Series
Base Unit No Features
1= NEMA 1 Fire-Retardant ABS (Standard)
DPT/DPIT-4005 Series
Base Unit No Features
2= NEMA 12, Steel (Standard)
3=NEMA 4, Steel
Models with Magnehelic Pressure Gauge
4=NEMA 1, Aluminum (Standard)
5=NEMA 4, Steel

**SECTION C
REQUIRED PRODUCTION DATA**

Note: This section is not included in the overall part number but must be completed prior to submitting an order to Paragon for proper fabrication.

C1: Tag Number
Example: AHU-1

C2: System Served
Example: SA

C3: Area Factor/Flow Coefficient (Specify)
Notes:

- When the DPT/DPIT is being connected to a non-amplified Pitot-type flow sensor (such as those manufactured by Paragon), enter the area of the sensing plane in square feet. For double wide/double inlet fans the area should be summed for both inlets. An area calculator is available in the DPT/DPIT Order Form.
- When the DPT/DPIT is being connected to a sensor with a flow coefficient (such as a piezometer ring), enter the flow coefficient as specified by the manufacturer for the associated model/size AND provide Paragon the flow sensor data sheet.
- When the DPT/DPIT is being connected to a pressure sensor, enter a 0.

C4: Engineering Units
1=in. w.c. (Standard)
2=kPa
3=mm w.c.
4=% of Full Span

C5: Flow Rate/Pressure Range (Specify)
Notes:

- For flow applications, enter the design maximum flow rate in acfm
- The transducer full scale pressure value will be calculated based on 130% of the flow rate specified.
- For pressure applications, see the Technical Specifications Section of the DPT/DPIT Technical Data Sheet for available pressure ranges. For a custom pressure range, consult Paragon for pricing and availability.
- Paragon does not recommend using the DPT/DPIT-4005 Series on flow applications with full scale velocities less than 800 fpm (4.06 m/s). or on pressure applications with full scale pressure ranges less than 0.04 in. w.c.

C6: Site Elevation
Note:

- Enter site elevation in feet above mean sea level.

C7: Process Output
1=4-20 mA
2=0-5 VDC
3=0-10 VDC
Notes:

- For DPT/DPIT-4001 Series select Option 1.
- For DPT/DPIT-4003 Series select Option 2 or 3
- For DPT/DPIT-4005 Series select Option 1, 2 or 3; the process output is also field selectable.