

SPM-4000 ORDERING INFORMATION

SPM-4000 - A - **A1** - **A2** - **A3** - **A4** - **A5** - **A6** - **A7** - **A8** - B - **B1** - **B2** - **B3** - **B4** - **B5**

Note: Section A must be completed for pricing. Sections B-G must be completed prior to order submission to Paragon, depending on options ordered.

SECTION A ROOM PRESSURE MONITOR OPTIONS

A1: Communication Options

- 0=Not Included
- 1= LONWORKS®-communication with BAS
- 2= BACNET®-MS/TP communication with BAS
- 3= Modbus communication with BAS

A2: Mounting Options

- 1= Flush Mount (Standard)
- 2=Surface Mount Electrical Box
- 3=Air Tight Flush Mount Electrical Box

A3: Wash-Down Compliant IP64B

- 0=Not Required
- 1=Include Wash-Down Compliant IP64B Add

A4: Integral Three-Mod

A5: Space 2 Monitoring and Alarming

- 0=Not Required
- 1=Space 2 Monitoring and Alarming

A6: Temperature Monitoring and Alarming

- 0=Not Required
- 1=Include Temperature Monitoring and Alarming

A7: Relative Humidity Monitoring and Alarming

- 0=Not Required
- 1=Include Relative Humidity Monitoring and Alarming

A8: Airflow/Air Changes Per Hour Monitoring and Alarming

- 0=Not Required
- 1=Include Airflow/Air Changes Per Hour

SECTION B 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.

B1: Room Identifier (Specify)

Example: Isolation Room 1

B2: Operating Mode

- 1=Positive/Off/Negative
- 2=Positive/Off
- 3=Negative/Off

B3: Space Pressure

- 1=Positive
- 2=Negative

B4: Output

- 1=4-20 mA
- 2=0-10 VDC

B5: Full Scale Range

Bidirectional (Standard)				Unidirectional			
in. wc	Pa	mm wc	mm Hg	in. wc	Pa	mm wc	mm Hg
1= ±0.05	6= ±12.45	11= ±1.27	16= ±0.093	21= 0-0.10	25= 0-24.91	29= 0-2.54	33= 0-0.187
2= ±0.10	7= ±24.91	12= ±2.54	17= ±0.187	22= 0-0.25	26= 0-62.27	30= 0-6.35	34= 0-0.467
3= ±0.25	8= ±62.27	13= ±6.35	18= ±0.467	23= 0-0.50	27= 0-124.54	31= 0-12.70	35= 0-0.934
4= ±0.50	9= ±124.54	14= ±12.70	19= ±0.934	24= 0-1.00	28= 0-249.09	32= 0-25.40	36= 0-1.868
5= ±1.00	10= ±249.09	15= ±25.40	20= ±1.868				



Note: Section A must be completed for pricing. Sections B-G must be completed prior to order submission to Paragon, depending on options ordered.

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. The following Sections C1 through C5 only need to be completed if the optional three-mode controller is ordered (see Section A4)

<p>C1: System Controlled 1=Exhaust 2=Supply</p> <p>C2: Control Variable 1=Fan VSD 2=Damper Normally Closed 3=Damper Normally Open</p>	<p>C3: External Signal 1=4.0-20 mA 2=0-10 VDC</p> <p>C4: Internal Setpoint Values (Specify) - Operating mode determines pressure direction</p> <p>C5: Output Signal 1=4.0-20 mA 2=0-10 VDC</p>
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SECTION E
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. The following Sections E1 through E4 only need to be completed if the optional temperature monitoring and alarming is ordered (see Section A6)

<p>E1: Input Signal 1=4.0-20 mA 2=0-10 VDC</p> <p>E2: Units 1=°Fahrenheit 2=°Celsius</p>	<p>E3: Minimum Temperature (specify) Example= 32°</p> <p>E4: Maximum Temperature (specify) Example= 100°</p> <p>Note: Temperature sensors sold separately</p>
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SECTION F
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. The following Section F1 only needs to be completed if the optional Relative Humidity monitoring and alarming is ordered (see Section A7)

<p>F1: Input Signal 1=4.0-20 mA 2=0-10 VDC</p>	<p>Note: Relative Humidity Sensors must be purchased from a 3rd party</p>
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SECTION D
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. The following Sections D1 through D4 only need to be completed if the optional Space 2 monitoring and alarming is ordered (see Section A5)

<p>D1: Room Identifier (Specify) Example: Isolation Room 1</p> <p>D2: Operating Mode 1=Positive/Off/Negative 2=Positive/Off 3=Negative/Off</p> <p>D3: Space Pressure 1=Positive 2=Negative</p>	<p>D4: Output 1=4.0-20 mA 2=0-10 VDC</p> <p>D5: Full Scale Range - See Table in Section B</p>
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SECTION G
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. The following Sections G1 through G4 only need to be completed if the optional airflow monitoring and alarming is ordered (see Section A8)

<p>G1: Airflow Input Signal 1=4.0-20 mA 2=0-10 VDC</p> <p>G2: Max Air Flow Value (CFM) (Specify) Example= 27,000 CFM</p>	<p>G3: Room Volume (Specify)(FT³) Example= 2000FT³</p> <p>G4: Ach Low Alarm Value (specify) Example= 50Ach</p> <p>Note: Airflow sensors and stations sold separately</p>
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