### APPLICATIONS
- Filter monitoring
- Air velocity or flow
- Blower vacuum monitoring
- Fan pressure indication
- Duct, room or building pressures
- Clean room positive pressure indication

### FEATURES/BENEFITS
- Field programmed reduces installation time
- User selectable parameters for pressure, air velocity or flow permits same device for multiple applications
- Specialized filter set point for alerts when maintenance is due
- Security levels permit matches the correct access to right skill
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### SPECIFICATIONS
- Service: Air and non-combustible, compatible gases.
- Wetted Materials: Consult factory.
- Housing Materials: Glass filled plastic.
- Accuracy: ±1% FS including linearity, hysteresis and repeatability; ±2% FS for ranges 1 in w.c. and below.
- Temperature Limits: 0 to 140°F (-18 to 60°C).
- Compensated Temperature Limits: 32 to 122°F (0 to 50°C).
- Long Term Stability: ±1% FS per year.
- Thermal Effect: ±0.05% FS/F° typ.; ±0.10% FS/F° for ranges 1 in w.c. and below.
- Display: 4-digit LCD (digits: 0.60H x 0.33W).
- Display Update: Selectable for 1 second to 10 minutes or update only from button push.
- Pressure Limits: Normal and bi-directional ranges 5 in w.c. and lower = 2 psi (13.7 kPa); Normal and bi-directional ranges 10 in w.c. and higher = 11 psi (75 KPa).
- Selectable Engineering Units: in w.c., psi, kPa, Pa, mm w.c., mBar, in Hg, mm Hg, kPa; Normal and bi-directional ranges 1 in w.c. and below.
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- Power Requirements: 9 V alkaline battery, included, user replaceable or external power supply 9-24 VDC.
- Battery Service Life: Battery life depending on the display update setting: 150 hours (typical) if display update = 1 second; 9 month (typical) if display update = 10 minutes; 1.5 years (typical) if display update is disabled. Battery may last up to four times longer when using lithium-based battery ULTRALIFE U9VL-J.
- Current Consumption: 5 mA max.
- Electrical Connections: Removable terminal block for 16 to 26 AWG.
- Electrical Entry: Cable gland for 0.114 to 0.250" (2.9 to 6.4 mm) diameter cable.
- Process Connections: 1/8˝ (3 mm) OD tubing.
- Weight: 1.18 lb (535 g).
- Size: 5” (127 mm) OD front face.
- Agency Approvals: CE.

### ACCESORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>A-300</td>
<td>Flat flush mounting bracket</td>
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<tr>
<td>A-286</td>
<td>4-1/2” gage panel mounting flange</td>
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<tr>
<td>A-489</td>
<td>4” straight static pressure tip w/ flange</td>
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<tr>
<td>A-480</td>
<td>Plastic static pressure tip</td>
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### MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range in w.c.</th>
<th>psi</th>
<th>kPa</th>
<th>Pa</th>
<th>mbar</th>
<th>mm w.c.</th>
<th>in Hg</th>
<th>mm Hg</th>
<th>% of FS</th>
<th>Resolution in w.c.</th>
<th>Price</th>
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<tbody>
<tr>
<td>DM-1102</td>
<td>0.250</td>
<td>–</td>
<td>0.062</td>
<td>62.20</td>
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<td>–</td>
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<td>12.70</td>
<td>–</td>
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Contact the factory for available bi-directional ranges from ±0.25 to ±10 in w.c.

Note: For air flow models change -11XX to -12XX and +$30.00 to above prices.

### OPTIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>NIST Traceable calibration certificate</td>
<td>$99.00</td>
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Example: DM-1103-NIST