SERIES 1950 Explosion-proof Differential Pressure Switch combines the best features of the popular Dwyer® Series 1900 Pressure Switch with an integral explosion-proof and weatherproof housing, making it an exceptional value for either application. It is UL and CSA listed, FM approved for use in Class I, Div I, Groups A, B, C, & D; Class II, Groups E, F, & G and Class III hazardous atmospheres NEMA 7 & 9. Rain tight and weatherproof housing, making it an exceptional value for either application. It is also very compact and low cost. It is suitable for use on hazardous pressure settings up to 25 psi (1.72 bar); 1950P-50 only - 70 psi (4.83 bar); 1950P-50 only - 90 psi (6.21 bar). It is suitable for use in Class I, Groups A, B, C, & D; Class II, Groups E, F, & G and Class III atmospheres, Directive 2014/34/EU (ATEX) Compliant for CE, UL, CSA, FM, & IECEx. It is also suitable for use with hazardous atmospheres and a single positive pressure may require special venting.

Features/Benefits:
- Explosion-proof and weatherproof housing provides device protection for outdoor use or harsh environment operation
- External set point screw provides easy access that simplifies making adjustments without opening or disassembling enclosure
- Easily accessible electrical connection simplifies the installation

Applications:
- HVAC applications
- Process applications
- All-weather applications

Model Chart:

<table>
<thead>
<tr>
<th>Model</th>
<th>Range, psid</th>
<th>Approximate Deadband</th>
<th>Approximate Pressure Connection</th>
<th>Min. Set Point</th>
<th>Max. Set Point</th>
<th>Price</th>
<th>Model*</th>
<th>Range*</th>
<th>Approximate Deadband</th>
<th>Model</th>
<th>Range, w.c.</th>
<th>Min. Set Point</th>
<th>Max. Set Point</th>
<th>Price</th>
<th>Model*</th>
<th>Approximate Pressure Connection</th>
<th>Min. Set Point</th>
<th>Max. Set Point</th>
<th>Price</th>
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<tbody>
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<td>1.5</td>
<td>0.3</td>
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<td>15 to 50</td>
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<td>$174.00</td>
<td>1950-125-25</td>
<td>0.03 to 1.06</td>
<td>0.05</td>
<td>216.75</td>
<td>1950-10-2F</td>
<td>4.0 to 1.6</td>
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<td>1950-10-2F</td>
<td>4.0 to 1.6</td>
<td>15</td>
<td>0.20</td>
</tr>
</tbody>
</table>

*P=PSID range models. Other ranges in w.c.

Caution: For use only with air or compatible gases. Applications with hazardous atmospheres and a single positive pressure may require special venting.

Series 1950G Explosion-proof Differential Pressure Switch

Differential Pressure Switches

Pressure

SERIES 1950 EXPLOSION-PROOF DIFFERENTIAL PRESSURE SWITCH

Compact, Low Cost, Explosion-proof and Weatherproof

Features/ Benefits:
- All-weather applications
- Easily accessible electrical connection simplifies the installation
- Enclosure Rating: NEMA 3 (IP54), NEMA 7 & 9.
- Set Point Adjustment: Single-pole double-throw (SPDT)

Applications:
- HVAC applications
- Process applications
- All-weather applications

Model Chart:

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<thead>
<tr>
<th>Model</th>
<th>Range, psid</th>
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<th>Min. Set Point</th>
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<th>Approximate Pressure Connection</th>
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$223.00

$223.00

$223.00

$223.00