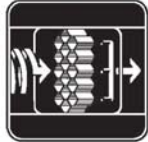


VELTRON DPT 2500I IN NEMA 4 ENCLOSURE

ULTRA-LOW DIFFERENTIAL PRESSURE AND FLOW TRANSMITTER

STANDARD CONSTRUCTION	Ultra-low span transmitter. 1/8" FPT, brass signal connection fittings. Manual 3-way zeroing valve. NEMA 4 steel enclosure with continuous hinge and conduit port, and internal wiring terminals.					
OPTIONS	<table style="width: 100%; border: none;"> <tr> <td style="width: 20%; vertical-align: top;"> Square Root. <input type="checkbox"/> Off (std) <input type="checkbox"/> On </td> <td style="width: 20%; vertical-align: top;"> <input type="checkbox"/> Bi-Polar </td> <td style="width: 20%; vertical-align: top;"> Display. <input type="checkbox"/> 3-1/2 digit LCD (located inside enclosure) </td> <td style="width: 20%; vertical-align: top;"> Connection Fittings. <input type="checkbox"/> 3/8" brass compression type <input type="checkbox"/> Brass barbed for 1/4" OD tubing <input type="checkbox"/> Brass barbed for 3/8" OD tubing </td> <td style="width: 20%; vertical-align: top;"> Certification. <input type="checkbox"/> Standard <input type="checkbox"/> NIST Traceable </td> </tr> </table>	Square Root. <input type="checkbox"/> Off (std) <input type="checkbox"/> On	<input type="checkbox"/> Bi-Polar	Display. <input type="checkbox"/> 3-1/2 digit LCD (located inside enclosure)	Connection Fittings. <input type="checkbox"/> 3/8" brass compression type <input type="checkbox"/> Brass barbed for 1/4" OD tubing <input type="checkbox"/> Brass barbed for 3/8" OD tubing	Certification. <input type="checkbox"/> Standard <input type="checkbox"/> NIST Traceable
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PERFORMANCE SPECIFICATIONS	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Accuracy. ±0.5% of Natural Full Span, including non-linearity, hysteresis, deadband, and non-repeatability. Stability. ±0.5% of Natural Full Span for six months. Power Supply Effect. ±0.005% of Full Span/VDC. </td> <td style="width: 50%; vertical-align: top;"> Temperature Effect. Zero. 0.015% of Natural Full Span/°F. Span. 0.015% of Natural Full Span/°F. Mounting Position Effect. Zero shift only, no span shift. Corrected through transmitter zeroing. </td> </tr> </table>	Accuracy. ±0.5% of Natural Full Span, including non-linearity, hysteresis, deadband, and non-repeatability. Stability. ±0.5% of Natural Full Span for six months. Power Supply Effect. ±0.005% of Full Span/VDC.	Temperature Effect. Zero. 0.015% of Natural Full Span/°F. Span. 0.015% of Natural Full Span/°F. Mounting Position Effect. Zero shift only, no span shift. Corrected through transmitter zeroing.			
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FUNCTIONAL SPECIFICATIONS	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Outputs. 4-20mA DC. Power Supply. 14-40VDC (0 to 1200 ohms). Two-wire configuration. Damping. Time constant adjustable via jumper selection. Overpressure/Static Pressure Limit. 25 psig. Zero Elevation/Suppression. Maximum zero elevation: 100% of Natural Full Span. Maximum zero suppression: 50% of Natural Full Span. </td> <td style="width: 50%; vertical-align: top;"> Circuit Protection. Power input is reverse polarity short circuit proof. Humidity Limits. 0-95% RH (non-condensing). Temperature Limits. -20°F to 180°F Storage. +40°F to 140°F Operating. Load Limitations. 50 ohms/volt. 0 ohms at 14VDC. 1300 ohms at 40VDC. </td> </tr> </table>	Outputs. 4-20mA DC. Power Supply. 14-40VDC (0 to 1200 ohms). Two-wire configuration. Damping. Time constant adjustable via jumper selection. Overpressure/Static Pressure Limit. 25 psig. Zero Elevation/Suppression. Maximum zero elevation: 100% of Natural Full Span. Maximum zero suppression: 50% of Natural Full Span.	Circuit Protection. Power input is reverse polarity short circuit proof. Humidity Limits. 0-95% RH (non-condensing). Temperature Limits. -20°F to 180°F Storage. +40°F to 140°F Operating. Load Limitations. 50 ohms/volt. 0 ohms at 14VDC. 1300 ohms at 40VDC.			
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DIMENSIONAL SPECIFICATIONS						



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