



# Particulate Monitor

Real-Time Leak Gauge, Adjustable Alarm Points

## Models Select Chart

<b>EXAMPLE</b>	DPM	A1	1	1	RC	<b>Series DPM-A111-RC Particulate Monitor, weatherproof enclosure, NEMA 4X, range 5.0-5000 Pa, 115 VAC input power, with one 4-20 mA output.</b>
<b>SERIES</b>	DPM					Particulate Monitor
<b>ENCLOSURE RATING</b>		A1 AHZ1				Weatherproof, NEMA 4X Intrinsically Safe
<b>RANGE</b>			1 2			5.0 to 5000 Pa 0.5 to 5000 Pa
<b>INPUT POWER</b>				1 2 3		115 VAC, 50/60 Hz 230 VAC, 50/60 Hz 24 VDC
<b>OPTIONS</b>					RC	One 4-20 mA Output

<b>Specifications:-</b>	
<b>Inputs</b>	: From PMS Sensor.
<b>Output Ratings</b>	: Alarm Relays: 2 Form A (SPST) rated 5A @ 240V res. (must provide an 8A [maximum] fuse in series with relay load); Analog: 4 to 20 mA (Option RC).
<b>Power Requirements</b>	: 115 VAC 50/60 Hz, 230 VAC 50/60 Hz, or 24 VDC.
<b>Power Consumption</b>	: 6 Watts Max.
<b>Accuracy</b>	: Standard: $\pm 5\%$ of range; Optional: $\pm 1\%$ of range.
<b>Display</b>	: LCD.
<b>Display Resolution</b>	: Standard: 5 pA; Optional: 0.5 pA.
<b>Memory Backup</b>	: For set point storage only.
<b>Temperature Limits</b>	: -13 to 160°F (-25 to 70°C).
<b>Weight</b>	: 4.5 lbs (2.0 kg).
<b>Enclosure</b>	: Cast aluminum, weatherproof, NEMA 4X.
<b>Loop Power Supply (Isolated)</b>	: 17 VDC loop supply provided by DPM control unit for PMS sensor.
<b>Agency Approvals</b>	: CE, CSA.*
	*DPM models listed intrinsically safe are to be used with corresponding intrinsically safe PMS models making an intrinsically safe control loop. The PMS model can then be installed in a hazardous location according to approval ratings listed. The DPM itself is not intrinsically safe and must be installed outside the hazardous location.