



Flow Differential Pressure Module

FDPM®

Automatic Calculation of Corrected Differential Pressure

Calculates the corrected differential pressure across the cartridges in systems being operated at less than maximum rated flow.

FEATURES

- Automatic operation is transparent to user
- Visual alarm, digital readout & deadman cutoff switch are activated when filters have exceeded their life cycle
- Displays average/max values after fueling stops
- NEMA 4X enclosure
- Compatible with both mechanical and digital totalizers
- LCD display & touch pad for easy user operation
- Software adjustable thresholds & alarm levels
- Sleep mode shuts down during idle times & starts automatically when fueling begins (to save power)

DESCRIPTION

The FDPM® eliminates the normally complicated calculation by automatically calculating the condition of the filters inside a vessel with the inputs of differential pressure and flow-rate.

BENEFITS

- Displays average and maximum corrected DP for easy record keeping per ATA 103
- Removes human judgment regarding condition of filters.
- System will function and work properly at any flow rate, regardless of actual measured DP.
- Optional automatic shutdown will stop flow as soon as filters have exceeded their life cycle, with no need to continuously monitor their condition.



ELECTRICAL SPECIFICATIONS

- 12 or 24 Volt DC

INPUTS

1. Pulse flow signal (frequency, Hz) from totalizer or flowmeter
2. Signal(s) from pressure transducers

OUTPUTS

1. Corrected differential pressure reading.
2. Relay, capable of switching up to 1 amp

DIMENSIONS/WEIGHT

- 2 pounds
- 6" L x 4.5" W x 3.5" Deep

FDPM is a registered trademark of Velcon Filters, LLC.



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