



SERIES DFM-6300 Flow Monitor

Monitors Rate of Flow and Total Flow

The DFM Series 6300 is a 1/8 DIN sized digital flow monitor for use with FSI Series flow sensors. The monitor is available as a panel mount or mounted in a polycarbonate NEMA 4 enclosure for wall mounting. The illuminated display is easily read in sunlight or darkness. It shows both rate and total at the same time.

Output Options:

The Model DFM 6301 is equipped with a 4-20mA analog output to transmit rate and two C form relays that may be independently programmed as high or low flow alarms, pulse outputs or totals.

FEATURES

Programming Methods: Four front panel buttons, or PC using downloaded software.

Programming options: The main display can be programmed to display flow rate, total, or grand total, and the secondary display can be programmed to display flow rate, total, grand total, engineering units, custom legends, or can be turned off.

The user make select the following units of measure.

Rate: GPM, Liters/Minute, Liters/Second

Total: Gallons, Cubic Meters, Cubic Feet

Password Protection: The total and grand total can be password protected so they can be reset only by authorized personnel.

Non-Volatile Memory: All programmed settings are stored in non-volatile memory for a minimum of ten years if power is lost.

Display: Main display: 0.60" (15 mm) high, second display: 0.46" (12 mm) high. Both displays are 6 digits (-99999 to 999999), red LEDs with leading zero blanking.

SPECIFICATIONS

Power Supply Voltage: 85 – 265 VAC
Signal Input: Any CST suffix 001 flow sensor

Environmental:

Operating temperature range: -40 to 65°C.
Storage temperature range: -40 to 85°C.



DIMENSIONS

Panel Mount

Height: 2.45" (106 mm)
Width: 4.68" (119 mm)
Depth: 4.17" (106 mm)



Wall Mount

Height: 5.625" (143 mm)
Width: 7.625" (194 mm)
Depth: 6.25" (159 mm)



Ordering Information

Digital Flow Monitor– Wall Mount in NEMA 4x enclosure
Order Model DFM-6300-00

Digital Flow Monitor- Panel Mount w/ NEMA 4 front
Order Model DFM-6300-01

Digital Flow Monitor– with 4-20 mA output and 2 relays,
Wall Mount w/ NEMA 4 front
Order Model DFM-6301-00

Digital Flow Monitor– with 4-20 mA output and 2 relays,
Panel Mount w/ NEMA 4 front
Order Model DFM-6301-01