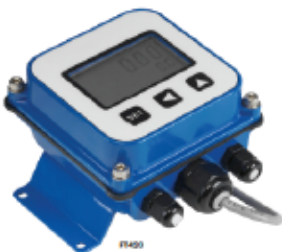




## FT400-SERIES Rate/Total Indicator

9001-2008  
CERTIFIED COMPANY



FT400



FT425

### FEATURES

- Simple Setup
- Battery (FT425) or Low Power (FT400)
- Remote or Flow Sensor Mounted Indicator
- Rugged Metallic Housing
- Non-Volatile Memory

### APPLICATIONS

- Water Treatment
- Water Utility
- Industrial Chemical Handling

### GENERAL INFORMATION

The FT400-Series flow computers are microcontroller-based indicator/transmitters that display flow rate and total and provide output signals. The FT425 is battery-powered and provides a rechargeable power output. The FT400 is powered by external DC voltage and has both pulse and 4-20 mA analog outputs. When the FT400 is used as a total indicator, it has a "Non-volatile" or "Impervious" display, meaning that the 4-20 mA output signal doubles as its power supply.

The addition of a 2-wire/4-wire output option (FT420/400) allows for remote applications requiring contact output functions (e.g., certain metering pumps and water treatment controls). Dual output selections provide flexibility in remote pulse outputs as the standard 4-wire, and 2-wire/4-wire options. The remote device, a non-volatile total is also available. The FT400 can be operated in a plastic enclosure with a 120V AC power supply for use with mechanical meters, or with 48V DC or 24V AC/DC or 12V DC power supply for magnets.

Both the FT425 and the FT400 can be factory-mounted on the meter (MI) or remotely wall-mounted with the bracketed (WI) with an open back for easy installation in the site's own electrical enclosure. Most FT400's can be converted from wall-to-meter or motor-to-meter mount configurations after installation if needed.

Housing for the MI and WI models are ruggedized stainless steel, galvanized and painted for maximum environmental protection. A membrane keypad allows settings to be changed without removing the cover (password protection, standard feature, can be used to prevent settings from being changed).

## FT400-SERIES Rate/Total Indicator

### FEATURES



\*Includes password protection for tamper prevention when needed

SPECIFICATIONS*		FT425	FT400
Power		Minimum 12V DC (rechargeable, Estimated 10 to 30 years depending on usage)	12-24V DC, 24V (24V DC when required)
Display	Rate	8-digit alphanumeric, 1/2" character height	8-digit alphanumeric, 1/2" character height
	Total	8-digit 10" tall character height	8-digit 10" tall character height
Outputs	Current (4-wire Pulse)	Current (4-wire 0.020V/0.1 to 0.2V) or 12V High Accuracy (100% or Low Accuracy) output Tolerance: ±0.5% (through Pulse output channels)	Current (4-wire 0.020V/0.1 to 0.2V) or 12V High Accuracy (100% or Low Accuracy) output Tolerance: ±0.5% (through Pulse output channels)
	Analog	None	4-20 mA (DC) 24-30 VDC
Pulse Output Range		0.1 - 9999999.9 pulses/cycle	0.1 - 9999999.9 pulses/cycle
Input		Non-volatile DPM (square wave)	30 pulse or contact closure
Input Range		1.0 - 200 pulses/cycle	1.0 - 5000 pulses/cycle
Flow Rate Range		0.01 - 9999999.99	0.01 - 9999999.99
Flow Alarm Output Range		0.01 - 9999999.99	0.01 - 9999999.99
Operating Temperature		-10° to 60° C (-20° to 140° F)	-20° to 60° C (-4° to 140° F)
Dimensions		100x60x40 mm	100x60x40 mm
Regulatory		None	CE Mark

\*CONVERSIONS: 1000 LITERS = 0.264172 GALLONS; 1 METRIC TON = 2204.62 LBS; 1 METRIC TON = 1.1023 TONS