

- ❑ All-in-One | Out of the Box Ready to Use
- ❑ NEMA 4X Enclosure
- ❑ New Easy-Learn® Programming



Product Description

The TVF Series Flow Display & Batcher is the industry's most rugged and reliable wall-mount remote display. The TVF Series will display both Flow Rate and Flow Total up to 16 digits.

LevelPro's® TVF Series comes as a complete all-in-one unit, out of the box it is ready to use. Included is a bright LED Display, NEMA 4X Enclosure, Polycarbonate Faceplate, Cord Grips and Plastic Captive Screws.

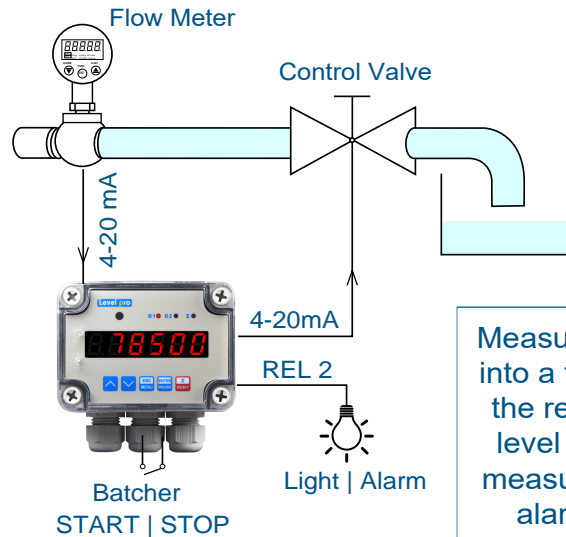
The industrial design of the TVF Series ensures that it will withstand the industry's most corrosive environments.

Available with either 2 Relay Outputs or 1 Relay + 4-20mA Output, the TVF Series is great for automating your batching or dosing applications.

PC



Typical Application



Measuring the flow into a tank utilizing the relay for high level notification measurement and alarm output.

Pairs with TI Series Flow Meters

- ❑ Lifetime Warranty on Paddle Wheel Assembly
- ❑ Industry's Highest Accuracy: $\pm 0.5\%$
- ❑ New ShearPro® Designed Paddle
- ❑ Zirconium Ceramic Rotor Pin | Bushings



Features

- ❑ SunBright Technology for Outdoor Applications
- ❑ No Assembly Required
- ❑ 8 Levels of Brightness
- ❑ Flow Rate | Totalizer | Batcher
- ❑ 3 Wire Cord Grips Included | No Add Ons
- ❑ 16 Digit Totalizer
- ❑ Completely Thermoplastic | Corrosion-Free

Specifications

General

Display	LED 6 x 13mm High Red Adjustable Brightness
Displayed Values	-99999 ± 999999
Stability	50 ppm °C
Transmission Parameters	1200...115200 bit/s, 8N1 / 8N2
Protection Class	NEMA 4X IP67

Input Signal | Supply

Standard	Current: 4-20mA 0-20mA 0-5V* 0-10V*
Voltage	85 - 260V AC/DC 16 - 35V AC, 19 - 50V DC*

Output Signal | Supply

Standard	2 x Relays (5A) 1 x Relay (5A) + 4-20mA
Voltage	24VDC
Passive Current Output *	4-20mA (Operating Range Max. 2.8 - 24mA)

Performance

Accuracy	0.1% @ 25°C One Digit
Accuracy According to IEC 60770 - Limit Point Adjustment Non-Linearity Hysteresis Repeatability	

Temperatures

Operating Temperatures	-40 - 158°F -40 - 70°C
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Materials | Wetted

Housing	Polycarbonate
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*Optional

Model Selection

Part Number	Input	Output
TVF-500-1121	4-20mA	2 Relay
TVF-500-1129	4-20mA	4-20mA + 1 Relay
TVF-500-1421	Pulse	2 Relay
TVF-500-1429	Pulse	4-20mA + 1 Relay

*Contact Factory for different options