

## ■ Super Bright LED Digits

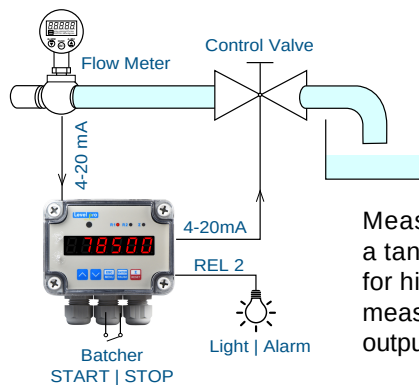


RIS-15 Remote Controller

Remote controller is not a part of the device and is available on request.

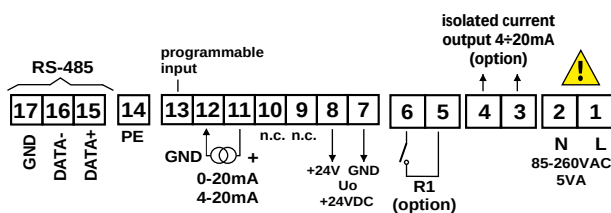


## TYPICAL APPLICATION



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

## PIN ASSIGNMENT



## ORDERING

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

## FEATURES

- Flow Rate, Totalizer, Batcher
- 4-20mA + 1 Relay or 2 Relay Outputs
- Power Supply Output 24V DC
- 16 Digit Totalizer
- Display of Instantaneous Flow Rate and Flow Total
- Batching and Counting of Doses
- Pulse, 4-20mA, or Voltage Input

## SPECIFICATIONS

|                                 |                                                                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply                    | 85 - 260VAC                                                                                                                                       |
| Display                         | LED   6 x 13 mm high   8 Levels of Brightness                                                                                                     |
| Displayed values                | 0 - 999999                                                                                                                                        |
| Input                           | Current: 4-20mA or Frequency Pulse                                                                                                                |
| Accuracy                        | 0.1% @ 70°F ± one digit (for 4 - 20mA Range)                                                                                                      |
| Stability                       | 50 ppm   °C                                                                                                                                       |
| Counter capacity                | Total flow: over 4 x 10 <sup>9</sup> (max. 16 significant digits)                                                                                 |
| Readout precision               | <b>Instantaneous flow values</b> : selected in the 0 - 0.000 Decimal of unit<br><b>Total flow and batcher</b> : selected in the 0 - 0.000 of unit |
| Units                           | Instantaneous flow values : GPM   LPM<br>Total flow and batcher : Gallons   Liters                                                                |
| Outputs (option)                | 2 x Relays (5 AMP)   4-20mA + 1 Relay (5 AMP)                                                                                                     |
| Passive Current Output (option) | 4-20mA Operating Range Max. 2.8 - 24mA (available with 1 relay or OC output)                                                                      |
| Power supply output             | 24VDC +5%   -10%   max. 100mA   stabilized                                                                                                        |
| Communication interface         | RS-485, 8N1 and 8N2, 1200 bit/s - 115200 bit/s Modbus RTU                                                                                         |
| Data memory                     | EPROM Non-Volatile Memory                                                                                                                         |
| Operating temperature           | -40 - 158°F   (-40 - 70°C)                                                                                                                        |
| Storage temperature             | -40 - 158°F   (-40 - 70°C)                                                                                                                        |
| Protection class                | NEMA 4X   IP67                                                                                                                                    |
| Wall Mounted Case               | Polycarbonate                                                                                                                                     |
| Dimensions (WxHxD)              | 110 x 105 x 67 mm                                                                                                                                 |