



TLV SERIES

FLOW DISPLAY, BATCHER TOTALIZER

The TLV Series is a flow display located in a NEMA 4X, wall mounted case (IP 65), designed to work in tandem with Pulse Flow Meters or with current inputs of 0-20 mA or 4-20 mA. The TLV Series can totalize flow for 16 digits.

KEY FEATURES & BENEFITS

- Simple Plug and Play Design
- 2 Relay Outputs
- Power Supply Output 24 VDC
- RS-485 / Modbus RTU Standard
- Display of Instantaneous Flow Rate and the Total Flow Values
- Batching and Counting of Doses
- 4-20 mA Output + Relay Output
- 4-20 mA Output Standard
- Simple Installation

ACCESSORIES

- IR Remote Controller IRC-20
- Remote Controller is not Part of the Device and is Available Upon Request

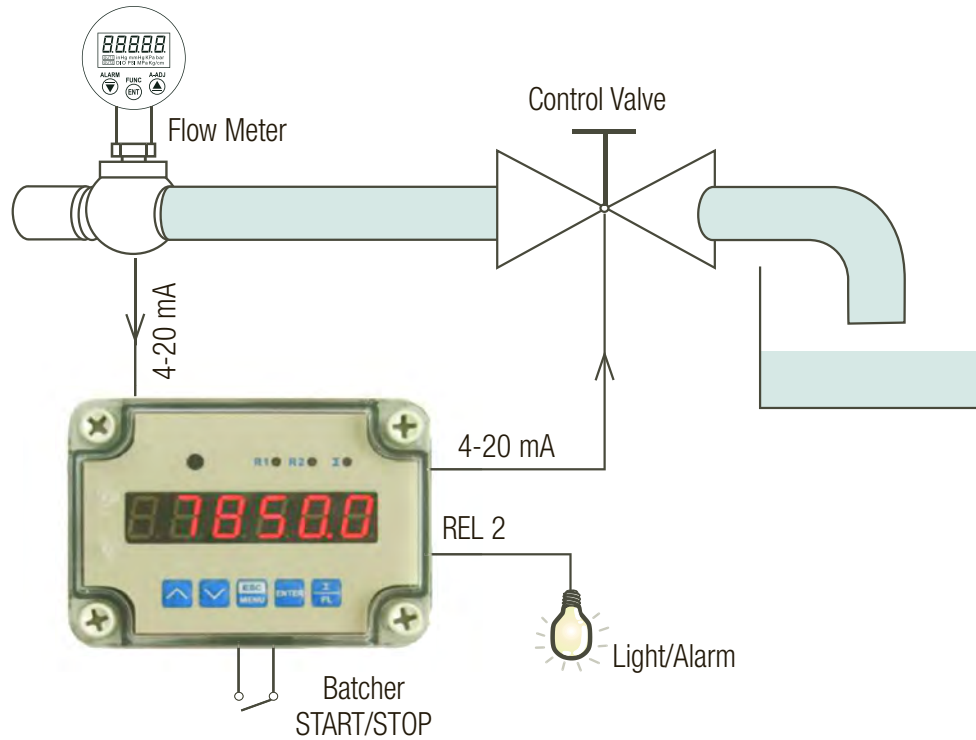
SPECIFICATIONS

Power Supply/ Power Consumption	85 - 260 VAC	Passive Current Output (option)	4-20 mA (operating range max. 2.8 - 24 mA) (available with 1 relay or OC output, see ordering)
Display	LED, 6 x 13 mm high, 8 levels of adjustable brightness	Power Supply Output	24 VDC +5%, -10% / max. 100 mA, stabilized
Displayed Values	0 - 999999 + decimal point	Communication Interface	RS-485, 8N1 and 8N2, 1200 bit/s - 115200 bit/s, Modbus RTU (not galvanically isolated)
Input	Current: 0-20 mA or 4-20 mA	Data Memory	Non-volatile memory, EEPROM type
Accuracy	0.1% @ 70°C + One Digit (for 0 - 20 mA range)	Operating Temperature	-4°F - 158°F (-20°C - 70°C)
Stability	50 ppm/°C	Storage Temperature	-4°F - 158°F (-20°C - 70°C)
Counter Capacity	Total Flow: over 4 x 10 ⁹ (max. 16 significant digits)	Protection Class	NEMA 4X
Readout Precision	Instantaneous Flow Values: Selected in the 0 - 0.000 decimal of unit Total Flow and Batcher: Selected in the 0 - 0.000 of unit	Case	Wall-Mounted; Material: Polycarbonate
Units	Instantaneous Flow Values: 1 GPM, LTR'S Total Flow and Batcher: 1 GPM, LTR'S	Dimensions (WxHxD)	110 x 105 x 67 mm
Output (option)	0 or 2 x REL I _{max} = 1A		

TLV Series

PADDLEWHEEL FLOW METER & TOTALIZER
WITH VISUAL ALERT ALARM

TYPICAL INSTALLATION



PIN ASSIGNMENT

