

- X-Large Multicolor Universal Display/Controller
- Flow - Level - Temp - Pressure
- Eliminates Need for Extra StackLights
- Visual Indication of Current Process Conditions



FEATURES

- Industry's Largest LED Multi-Colour Display - 2 1/4" High
- Extra Bright -LED (Outdoor Service)
- Indication of Upset Conditions- Low/High, Out of Bounds
- Universal input: 0/4-20 mA, 0-10V, 0-150 mV, RTD or PH
- Relay Outputs + 4-20mA Repeater
- RS-485 / Modbus RTU (Standard)
- Remote Control for Programming (Optional)
- Includes NEMA 4X Enclosure + Cord Grips
- 24VDC Power Supply for Sensor
- Eliminates the Need for Stack Lights

SPECIFICATIONS

Power supply	19V ÷ 50V DC; 85 ÷ 260V AC/DC,
Power consumption	
Display	Super Bright LED, (4 x 2 1/4") (57 mm) High
Displayed values	Multicolour -999 ÷ 9999 + decimal point
Input	Current: 0-20mA or 4-20mA, Input current limited to 50 mA; Voltage: 0-5 V, 1-5V, 0-10V or 2-10V, input resistance > 100 k
Accuracy	0.1% @25°C ± one digit
Analogue output	Passive Current: Operating Range 4 -20 mA Repeater
Communication interface	RS-485
Operating temp.	-40°F - 122°F (-40°C ÷ +50°C)
Storage temp.	-40°F - 158°F (-40°C ÷ +70°C)
Protection class	NEMA 4X IP 67
Case	Polycarbonate
Dimensions (WxHxD)	9" X 5.5" X 3.8" (230 x 140 x 96,5 mm)

Programmable Multi-Color LED DISPLAY

1. Ultra bright display



Green



Yellow



Orange



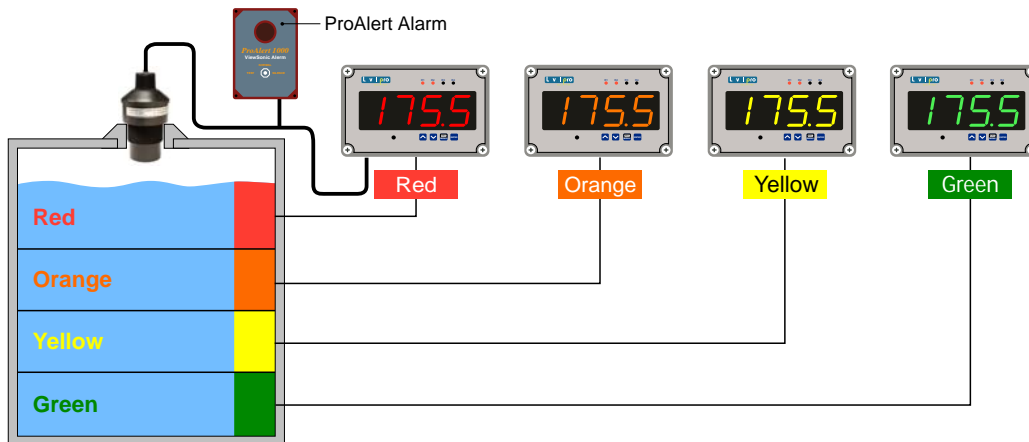
Red



Super 'Sunbright' LED Technology

2. Multicolor display

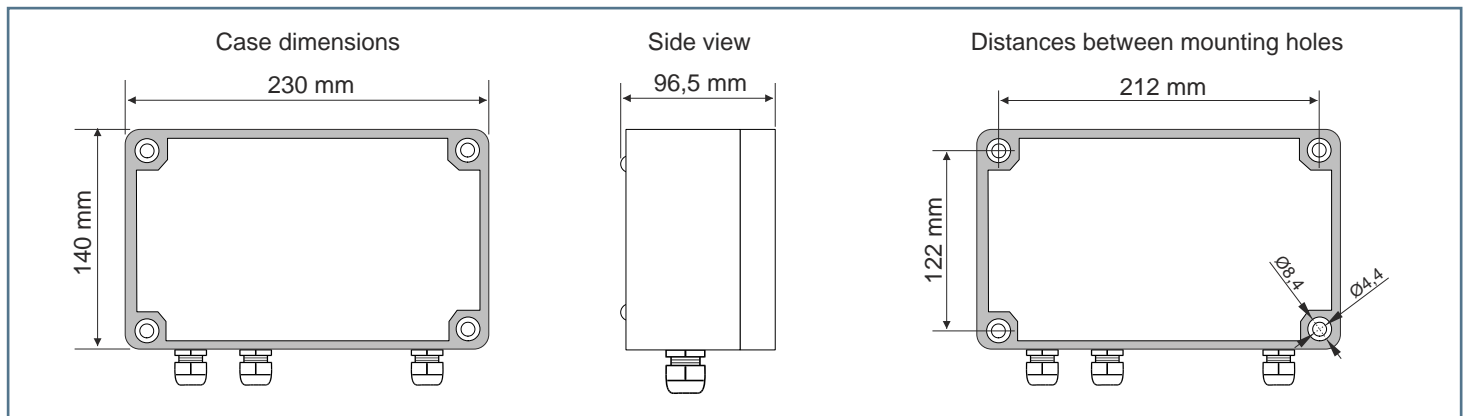
Device is also equipped with a display offering multicolor LED's. It allows any color settings in the range of red to green plus an additional 7 different colors. The display can be configured to change color based on process inputs i.e. flow meter application - green = flow, red = no flow. See example below of display configured for a level application.



No Need for Stacklights

Example : Tank Level Application

DIMENSIONS



ORDERING

Part Number	Input	Output
TVU-1121	4-20 mA	2 Relay
TVU-1129	4-20 mA	4-20mA
TVU-1421	4-20 mA	4 Relay
TVU-1429	4-20 mA	4-20mA + 2 Relay