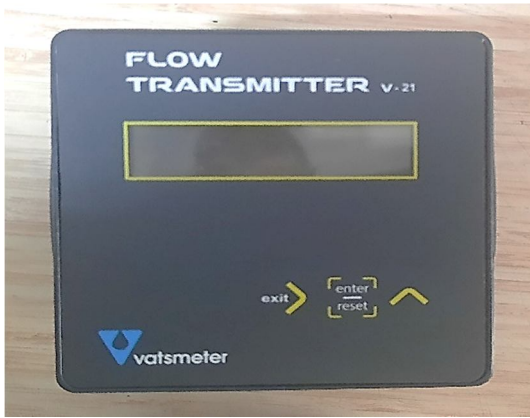


FLOTRANSMITTER (V-21)



Features-

Advance Technology and simplicity.

Protection

Structure IP65.

Password Protected

Meter.

Display= Flow Rate+Total+ Relay+ either 4-20mA OR RS 485output.

GENERAL DESCRIPTION

These electronic flow monitor are high speed micro -controller based units with a high resolution LCD Display. By using front membrane keypad, we can view/program different parameters. It is a Digital flow rate indicator and Totalizer, 4-20mA Or RS485, relay suitable for VATS sensors or other giving pulse output of 400Hz max. We can read the flow rate in LPH, m³/Hr., LPM, LPH and corresponding total reading in liter s or M³. Our IP65 grade enclosures make our flow meter versatile on both panel & Field uses along with these two consecutive displays these monitors also have relays to operate in various modes.

Technical Data	Power	Material
Function: Totalizer+Flow rate+ 4-20 mA/ RS 485+ Relay Accuracy: +/-1% Of Full scale Repeatability: +/-0.5% of Full Range. Mounting: Field /Panel	Power Supply: 230Vac. Input: From VATS Sensor Display: LCD. Cable Type: 2 Core PVC Shielded	Housing: Poly Carbonate Protection For: Field Mounted: IP-65. Panel Mounted: IP-55. Meter Size: 96 x 96 x 65 mm

APPLICATIONS

Water Treatment	Agriculture	Construction	Textiles
Power and Pulp	Food & Beverages	Power	Engineering.

CALIBRATION

Scale Factor:-Scale factor is a value, meaning amount of the liquid in engineering unit to one pulse generated by sensor.

Recalibration:-Suppose actual total is 10 liters. But indicate value on display is 9.8 Liters.

New Scale

=

Measured Qty/ Flow Rate
Displayed Volume/Flow

X

Existing Scale Factor

Points And Precautions To Be Noted

Ensure proper connection of mains, wrong connection may spoil the meter. While extending the cable, use recommended type only, with proper insulation. Avoid noise interference. Do not pass the sensor wire parallel to power cable. If this is unavoidable-pass the sensor cable through noise protected tray

- Straight Run condition given in manual must be maintain while installation.
- Use of filter before Flow meter is necessary.
- Flow must be full bore constant i.e. pumping pressurized flow.
- For vertical installation only upstream flow is recommended.
- Flow Meter should be installed before valve.
- Y type strainer is must for recommend result.
- Flow rate range should match as per our given line size & flow rate range selection table.