



INTELLIGENT FLOW ONLINE CONTROLLER

SPECIALLY DESIGNED TO DISPLAY ONLINE WATER FLOW IN PIPELINE

A PERFECT DIGITAL FLOW MONITOR CUM TOTALIZER AND CONTROLLER



HIGH **ACCURACY**
ONLINE **16 X 2 DISPLAY**
EASY **INSTALLATION**
EASY **PARAMETERS SETUP**
EASY **TO MONITOR**
LESS **PIPING WORK**
EASY **MAINTENANCE**

Infinity Flow meter controller has a flow sensor with magnetic multi-blade spinning rotor(impeller) mounted inside at right angles to the flow. The rotational speed of the impeller is proportional to the velocity of the fluid. The pulse generated is transmitted and converted into volumetric measurement. These controller are calibrated and to give reliable flow measurement

FEATURE

Easy Size Selection OF Flow Sensor's
7A / 230V Relay For Every Tripping
Alphabetical 16 x 2 LCD Display for Easy Monitoring
Two different size of Flow sensors can connect & monitor
Display can show Total Volume in liter as well m^3
15mm, 20mm, 25mm, 40mm, 50mm different sizes can Support

SETUP

Flow in Liter & Flow in m^3 can Set
Display Scrolling On / Off can Set
Display Scrolling Time can Set
Flow 1 & Flow 2 Size Differently can Set
Flow 1 & Flow 2 Tripping Volume Differently can Set

TRIPPING

High Flow Trip
Low Flow Trip
Particular Amount of Volume Passed in Batch & Trip
Flow 1 & Flow 2 Tripping Differently can Set

CONTROLLER SPECIFICATIONS

Physical Dimensions	105(W) x 105 (L) x 65 (D) mm.
Cut Out Size	92(W) x 92 (L) mm.
Enclosure	MSPC
Mounting	Panel
Input Supply	230 V A.C.
Calibration Point	Using Internal Setting
Temperature	0-60 °C
Accuracy	±2% FSD
Control Relay	7A @ 230V AC
Flow Input	From Sensor
Output	From Relay

SENSOR FEATURE

Accurate
All Plastic wetted parts
Easy to install and maintain
Field Maintenance easy with threaded housing
Ceramic Bearing for superior Flow performance
High amplitude output signal from sensor eliminates
Each sensor calibrated with fitting for K factor (ml/pulse)

SENSOR SPECIFICATIONS

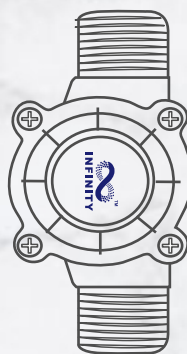
Sensor body	Nylon
Rotor (impeller)	PP
Shaft	Carbide
Bearin	Ceramic
Sensing Element	Hall Effect I.C.
Max Pressure	5 kg/cm ²
Max Temperature	60°C
Accuracy	± 2% of Full Scale



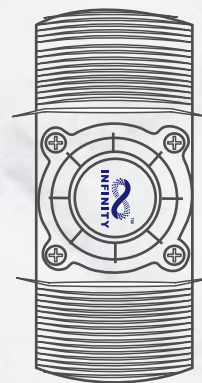
**15 mm
(1/2")**



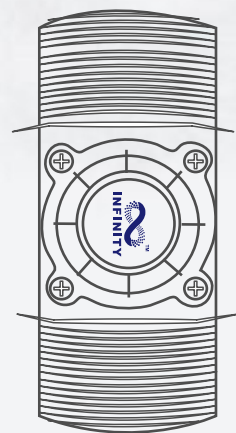
**20 mm
(3/4")**



**25 mm
(1")**



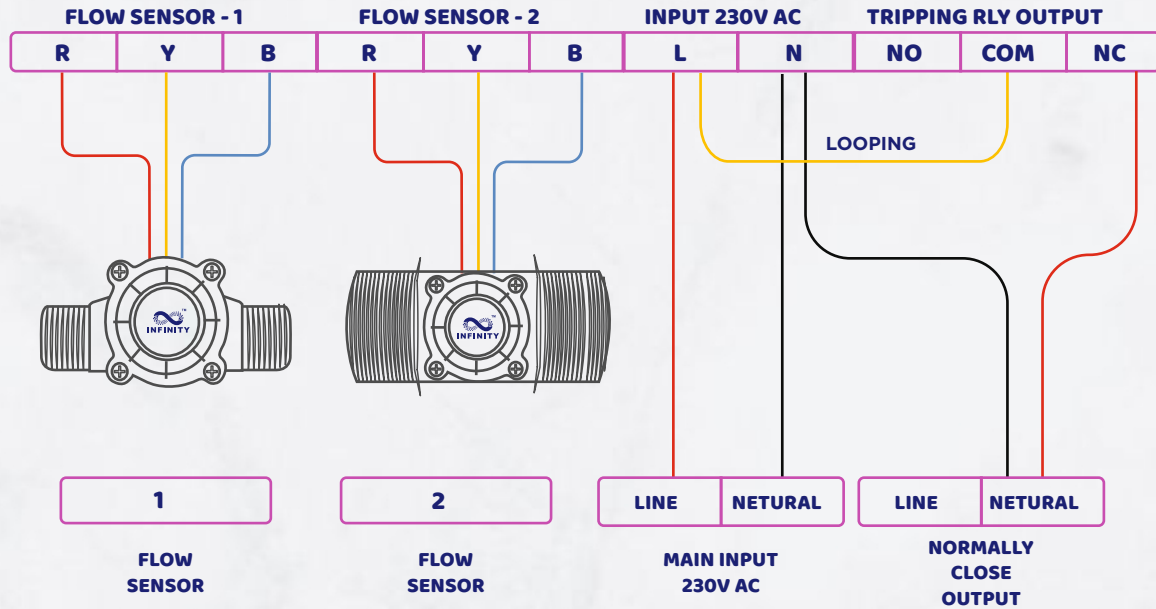
**40 mm
(1-1/2")**



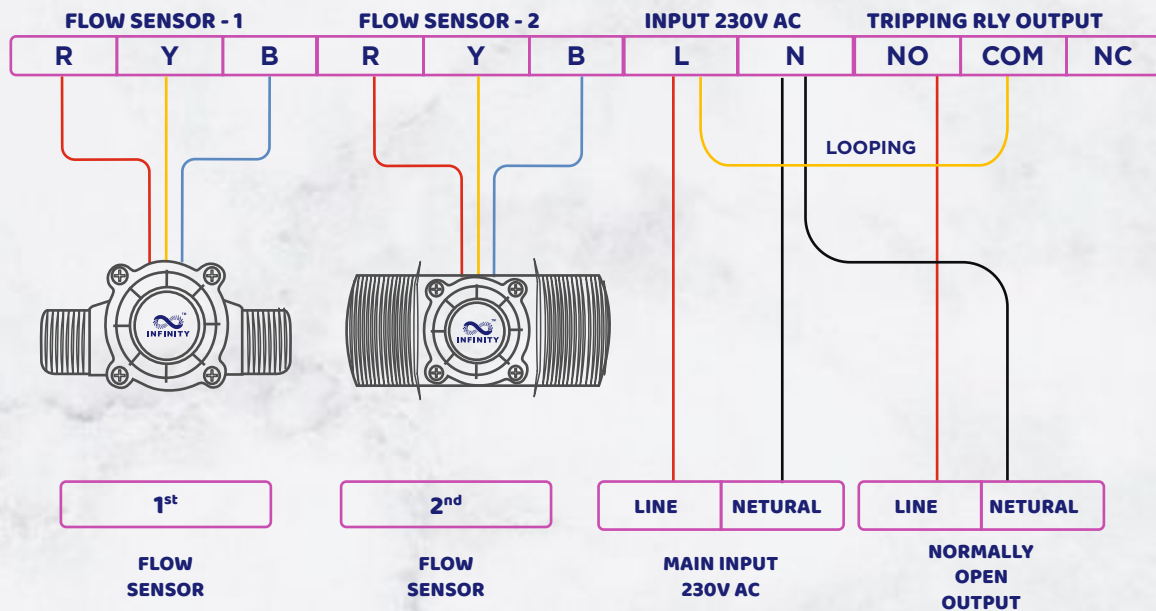
**50 mm
(2")**

WIRING DIAGRAM

NC (NORMALLY CLOSE) TYPE



NO (NORMALLY OPEN) TYPE



APPLICATIONS



MINRAL WATER PLANTS



BEVERAGE INDUSTRY



LIQUID WASTE MANAGEMENT



PHARMA & CHEMICAL



PULP & PAPER INDUSTRY



SWIMMING POOL