

SENSE

MEASURE

INDICATE



FLOW

LEVEL

PRESSURE

TEMPERATURE

MORA

SERVICES



DFLUX - Electro-Magnetic Flowmeter

The Electro-magnetic flowmeter works based on Faraday's law of electro-magnetic induction. Used in volumetric flow measurement for conductive liquids.



Product Details

Flowmeter Size – DN 25 to DN 350 (1" to 12")
 Flow Tube – SS 304
 Liner – Ebonite, PTFE, PFA
 Housing
 *Sensor – Fully Welded Epoxy Coated MS
 *Transmitter – Powder Coated Die Cast Aluminium
 Process Temperature : 0 to 90 deg C, 0 to 120 Deg C, 0 to 150 Deg C
 Process Connection : Flanged End
 Output – 4-20 mA, Pulse, HART, Modbus RS485
 Accuracy – +/- 0.5% of Measured Value
 Power Supply – 230 V AC , 24 V dc
 Indicator – Integral , Remote
 4 Line, Backlit LCD with 3 Totalizer
 Transmitter Protection : IP 65
 4 - Electrode Design

Application

All conductive liquids
 Raw Water
 Sewage Water
 Treated Water
 Chilled Water
 Slurry
 Acids
 Milk, Beer & Fruit Juices
 Brine Solution



Product Details

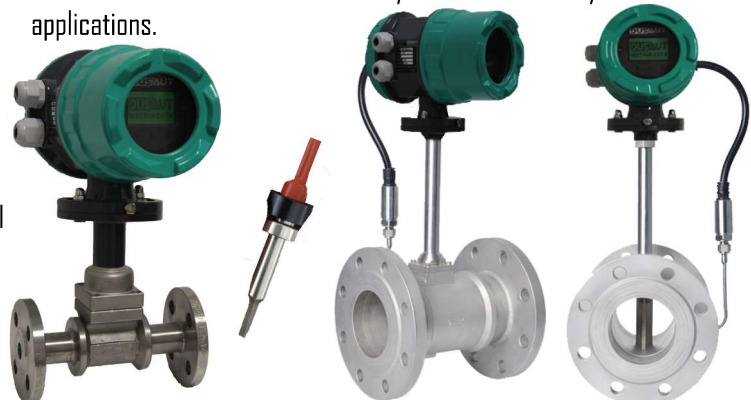
Meter Size (mm): DN15-DN200
 Accuracy: $\pm 0.75\%$ / $\pm 1.0\%$
 Output : 4-20mA / Pulse
 Communication : Modbus RS485 / HART Protocol
 Power Supply: 24V Dc
 Transmitter Protection: IP 65
 Internal Pressure Compensation

Application

Clean Liquid
 Solvents
 RO / DM Water
 Diesel
 Oil / Vegetable Oil / Fuel Oil
 Gases / Compressed Air
 Steam

DSWIRL - Vortex Flow meter :

This vortex meter based on Karman vortex street principle is a volumetric flowmeter and is widely used in all utility based applications.



Product Details

Flowmeter Size - DN15 to DN 6000 (½" to 12")

Housing

- *Fixed - Die Cast Aluminium
- *Portable - FRP

Output

- *Fixed - 4-20 mA, Modbus RS485
- *Portable - RS 232 Serial Interface

Accuracy - +/- 1.5% of Measured Value

Power Supply 24 V dc

- *Fixed - 24 V dc
- *Portable - Lithium Grade Battery Powered

4 Line, Backlit LCD

Transmitter Protection : IP 65

Installation - External Clamp / Guideway / Plug-in

Application

All Clear Liquids

Drinking water

RD / DM Water

Treated Water

Chilled Water

HSD / Clear Fuel

Solvents

Brine Solution

DSonic - Ultrasonic Flowmeter

The ultrasonic flow measurement is an advanced non-contact flow measuring technology. The ultrasonic waves are used in the measurement of volumetric flow for a wide range of process mediums.





Product Details

Measurement range: Upto 25m
 Accuracy: +/- 0.5%
 Resolution: 1 mm
 Output: 4-20mA, 2 x Relay Output
 Communication : RS485 Modbus
 Power supply: 240 V AC / 24 V DC
 Transmitter Protection Level : IP 65

Application

Water & Waste Water
 Sewage Water
 Treated Water
 Solvents
 Diesel
 Beverages

DULT - Ultrasonic Level Transmitter

The Ultrasonic Level Transmitter works based on the ToF principle. This non-contact level measurement is used for wide variety of storage & utility based applications.



Product Details

Measurement range : upto 20m H2O
 Accuracy : +/- 0.5%
 Output : 4-20mA / 0-5V
 Power supply : 240 V AC / 24 V DC

Application

Storage Tank.
 Water & waste water treatment
 Fuel Oil
 Raw water

DHLT - Hydrostatic Level Transmitter

The hydrostatic level transmitter is a submersible type level measurement system which is used for the continuous level measurement of fluids.



Product Details

Measurement range: upto 70m
 Accuracy : ±3mm
 Power supply: 24V DC
 Output: 4-20 mA, RS485, HART
 Transmitter Protection : IP 65

Application

Bulk Solids
 Coarse / Powder Particles
 Slurry
 Acids
 Solvents

DRLT - Radar Level Transmitter

This non-contact level measuring device works based on ToF principle using the microwave pulses. The time taken for transmission & reception of the signals is proportional to the level in the vessel / Tank.





DPM - Pressure Measurement

Pressure Transmitter



Power supply: 24VDC

Output : 4-20mA

Measurement range: upto 100 bar

Medium Temperature: -20- 85 deg C

Protection level: IP 65

2 Line - LCD Display

Pressure type: gauge, absolute

Accuracy: $\pm 0.075\%$ F.S

Differential Pressure Transmitter

Power supply: 24VDC

Output : 4-20mA, HART

Measurement range : upto 30 bar

Medium Temperature : -40- 125 deg C

Protection level : IP 65

2 Line - LCD Display

Accuracy: $\pm 0.075\%$ F.S



Pressure Transducer



Power supply : 12-36VDC

Output signal : 4-20mA, 1-5V, 0-20mA, 0-5V

Measurement range: - upto 60 bar

Medium Temperature: - 20-85 deg C

Protection: IP 65

Pressure type: gauge, absolute

Accuracy: $\pm 1\%$

DTM - Temperature Measurement

Temperature Transmitter

Measurement range: - 50 - 250 deg C

Output : 4-20mA

Temperature measuring elements:
pt100, pt1000, cu50, cu100

Transmitter Protection Level: IP 65



Head Mounted Temp Transmitter

Input Type : pt100, pt1000, cu50, cu100, B.E, J, K, N, R, S, T

Output : 4-20mA, 1-5V, 1-10V, HART

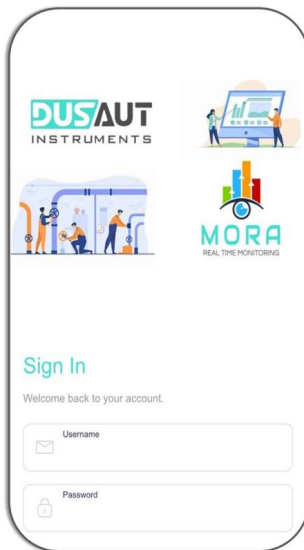
Connection Form: Wire / Screw Terminals

Suitable for RTDs & Thermocouples



MORA SOFTWARE

Cloud based IOT online monitoring software for monitoring various process parameters remotely. User Informative Dashboard, Report Generation, comparative reports.



DUSAUT INSTRUMENTS

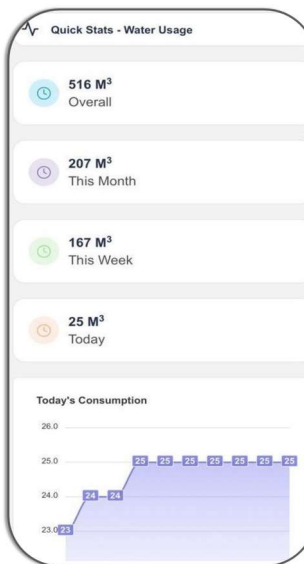
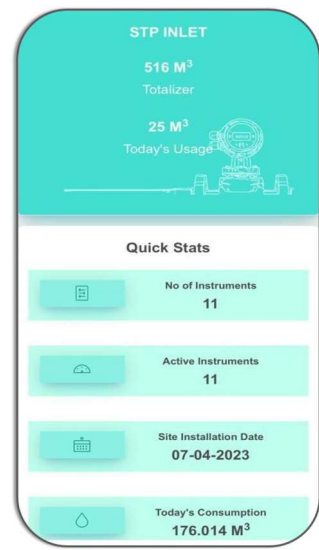
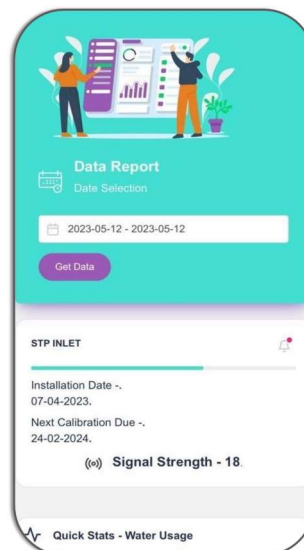
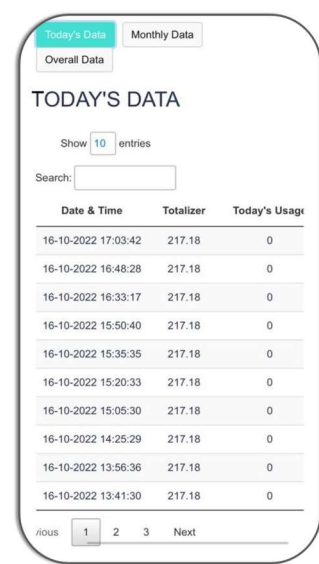
MORA
REAL TIME MONITORING

Sign In

Welcome back to your account.

Username

Password

TODAY'S DATA

Show 10 entries

Search:

Date & Time	Totalizer	Today's Usage
16-10-2022 17:03:42	217.18	0
16-10-2022 16:48:28	217.18	0
16-10-2022 16:33:17	217.18	0
16-10-2022 15:50:40	217.18	0
16-10-2022 15:35:35	217.18	0
16-10-2022 15:20:33	217.18	0
16-10-2022 15:05:30	217.18	0
16-10-2022 14:25:29	217.18	0
16-10-2022 13:56:36	217.18	0
16-10-2022 13:41:30	217.18	0

/OUS 1 2 3 Next



SERVICES OFFERED



On-Site Calibration

Flow Audit

Value Added Services

In-Line Calibration

AMC Services

Installation & Commissioning

Contact Us

Regd. Office & Fabrication Unit

No.11 Water Canal Rd, Santhosh Nagar,

Korattur, Chennai - 600 099,

Tamil Nadu, India

Email : info@dusaut.in

Web : www@dusaut.in

Tel : 044 - 47766485

: 044 - 47766486