



ELECTRONET

PRODUCT SPECTRUM

- FLOW
- PRESSURE
- LEVEL
- TEMPERATURE
- ANALYTICAL
- INDICATORS



INDUSTRY'S FIRST INNOVATIVE PRODUCT

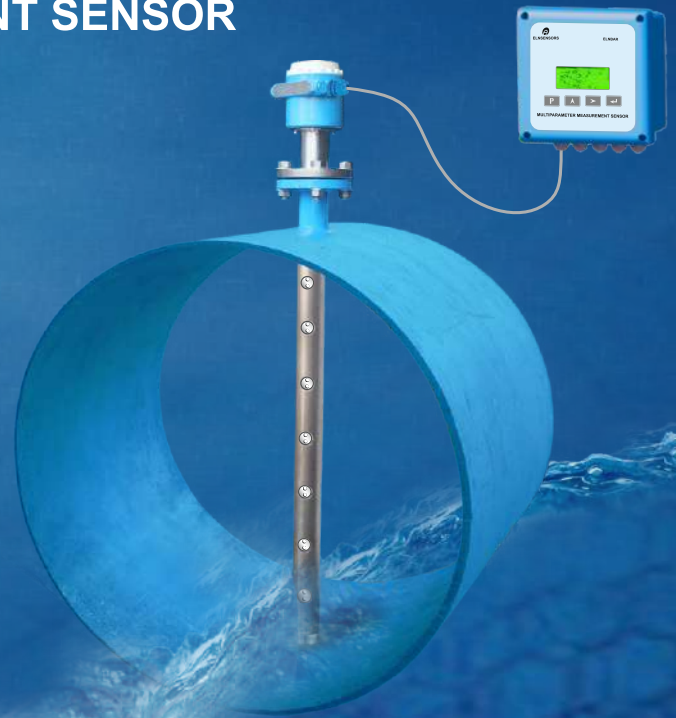
ELN BAR

MULTIPARAMETER MEASUREMENT SENSOR

- VELOCITY
- PRESSURE
- LEVEL
- TEMPERATURE
- CONDUCTIVITY
- TDS

FEATURES

- IoT Enabled Device
- Wired or Wireless Signal Transmission
- Wide Range of Applications
- Hot Retractable Insertion Sensor
- Simple and Time Saving Installation
- Single Instrument for Multiparameter Measurements



Manufactured by ELNSENSORS INDIA

ELECTROMAGNETIC FLOW METERS

MAINS / 24V DC POWERED ELECTROMAGNETIC FLOW METER ELMAG 200

- Universal Power Supply 90 to 250V AC / 24V DC / Solar Powered
- Suitable for conductive liquids
- Empty pipe indication
- Material of construction in accordance to process parameters
- Local Indication through LCD Display
- Inbuilt relay status output (High / Low / Batch)
- Communication ports : RS485 / GSM / GPRS
- HART compatible
- Optional : Pressure measurement along with flow

BATTERY OPERATED ELECTROMAGNETIC FLOW METER ELMAG 600

- Battery / Solar Powered
- Suitable for conductive liquids
- Empty pipe indication
- Data logging facility
- Local Indication through LCD Display
- Communication ports : RS485 / GSM / GPRS
- Optional : Pressure measurement along with flow



ULTRASONIC FLOW METERS

TWO WIRE INLINE ULTRASONIC FLOW METER ASIONIC 100

- Ultrasonic measurement using transit time technology
- HART Compatible 4 to 20mA output
- Suitable for conductive and non conductive liquids
- Material of construction in accordance to process parameters
- Local Indication through LCD display
- Options of Integral and Hot Retractable sensor assembly



CLAMP-ON TYPE ULTRASONIC FLOW METER ASIONIC 200C

- Ultrasonic measurement using transit time technology
- Easy installation, No need to cut pipe or stop flow
- External transducers do not require periodic cleaning
- No pressure drop or energy loss
- Bi-directional flow measurement
- Single & Dual path versions
- Communication ports : RS485 / GSM / GPRS



ASIONIC 400-4

MULTIPATH ULTRASONIC FLOW METER

FEATURES

- Full Bore Ultrasonic Flow Meter For Liquid Measurement
- Optional Pressure & Temperature Measurement
- High Accuracy +/- 0.2% of Measured Value
- Transit Time Sensing Technology
- Negligible Pressure Drop
- IoT Enabled Device
- Suitable For Clean Conductive / Non Conductive Liquids
- Empty Pipe Indication and Partial Flow Measurement
- Four Path Chordal Design For Optimal Linearity And Repeatability
- Wet Calibration At Iso17025-2017 Nabl (ilac) Accredited Calibration Laboratory



TURBINE FLOW METERS



TWO WIRE TURBINE FLOW METER WITH LCD DISPLAY

FL 100

- 2 wire system with LCD display
- Simple & cost effective construction
- Suitable for conductive and non-conductive liquids
- Electronics protection class : Weatherproof IP 65, IP 67 / Flameproof



FOUR WIRE TURBINE FLOW METER WITH LED DISPLAY

FL 204

- 4 wire system with LED display
- Pulse / 4 to 20 mA output
- Batch / High / Low relay contact output
- Suitable for conductive and non-conductive liquids
- Electronics protection class : Weatherproof IP 67 / Flameproof



TWO WIRE TURBINE FLOW METER

FL 102

- Provides wide flow ranges
- Pulse / 4 to 20 mA output
- Suitable for non conductive clear liquids
- Remote display optionally available
- Electronics Protection Class : Weatherproof IP 65 / Flameproof

FLOW ELEMENTS



ORIFICE - PLATE & ORIFICE - PLATE ASSEMBLY

- Orifice design as per BS EN ISO 5167
- Available in wide variety of materials
- No moving parts, simple construction
- Suitable for Liquid, Gas & Vapor application
- Non IBR and IBR certified orifice assembly



VENTURI TUBE

- Venturi design as per BS EN ISO 5167
- Bi-Directional & Uni-directional design available
- Construction fabricated / Machined
- Flanged or Weld-In construction
- Available in wide variety of materials
- No moving parts, simple construction



INTEGRAL ORIFICE FLOW METER

- Measurement Principle : Differential Pressure across on Orifice Plate
- Suitable for Liquids, Gases & Steams
- Eliminates need of pressure tap piping
- Designed to be mounted to the differential pressure transmitter directly
- Available from 15 NB to 50 NB Size
- Eliminate impulse tubing, less leakage points, decrease startup time

PRESSURE TRANSMITTERS / SWITCHES

SMART DIFFERENTIAL PRESSURE TRANSMITTER

ELPRT 100SDP

- Capacitive / Piezoresistive sensor with diaphragm
- ATEX & SIL2 certified
- Non-Intrusive magnetic controls
- Inbuilt square root extractor
- Two wire system
- Range-ability 100:1
- Application flexibility with HART communication



SMART PRESSURE TRANSMITTER *ABSOLUTE / GAUGE*

ELPRT 100SPT

- Piezo resistive & capacitive sensor
- Application flexibility with HART communication
- ATEX & SIL2 certified
- Excellent long term stability
- Two wire system
- LCD display with backlight
- Faster response time
- Range-ability 100:1



PRESSURE TRANSMITTER *ABSOLUTE / GAUGE / DIFFERENTIAL*

PT 22 / DPT 22

- Piezo resistive sensor
- Measuring range -1 to 700 Bar (For Model PT 22)
- Measuring range 0.2 to 25 Bar (For Model DPT 22)
- Accuracy : 0.25% of range
- Reliable & cost effective
- Ingress protection IP 65
- Also available with display



PRESSURE TRANSMITTER & SWITCH PT 22SD / DPT 22SD

ABSOLUTE / GAUGE / DIFFERENTIAL

- Measuring range -0 to 250 Bar
- Media : Liquid & Gases
- Accuracy : < ± 0.1 of range
- Response Time : < 1 Sec.
- Long Term Stability
- Robust design for use in harsh industrial environments
- High voltage & reverse polarity protection



BATTERY POWERED PRESSURE GAUGE PG 20 / DPG 20

ABSOLUTE / GAUGE / DIFFERENTIAL

- Piezo resistive sensor
- Measuring range -1 to 700 Bar (For Model PG 20)
- Measuring range +/- 0.1 to 25 bar (For Model DPG 20)
- Battery / Solar powered options available
- Display auto Shut-Off facility
- Indication through LCD
- GSM / GPRS communication output
- Zero tare & unit conversion facility



TEMPERATURE TRANSMITTERS



HEAD / RAIL MOUNT TEMPERATURE TRANSMITTER

TT 01

- 2 wire system
- 4-20 mA DC output
- Head mounting / Rail mounting type
- Cold junction compensation for thermocouple input

SMART TEMPERATURE TRANSMITTER

TT 04H

- ATEX certified
- 4-20 mA HART compatible
- Single & Dual sensor inputs
- Differential, Average & Redundant temperature measurement
- Enhanced display with local operator interface
- Sensor redundancy / Peak value measurement / ΔT Measurement / Average

TEMPERATURE TRANSMITTER WITH SWITCH

TT 22SD

- Measuring range -50 to 400 °C
- Media : Liquid & Gases
- Accuracy : $< \pm 0.1\%$ of range
- Response Time : < 1 Sec.
- Large temperature evaluation range
- Programmable switching output & sealable analog output



LEVEL TRANSMITTERS



TWO WIRE ULTRASONIC LEVEL TRANSMITTER

ULT 200

- Non-contact type Narrow beam technology
- 2 wire direct current loop powered
- Application flexibility with HART communication
- Automatic temperature compensation
- Process down time minimized
- Measures liquid level, volume or flow in open channels



BATTERY OPERATED ULTRASONIC LEVEL TRANSMITTER

ULT 200B

- Non-contact type Narrow beam technology
- Non rechargeable battery operated
- Automatic temperature compensation
- Process down time minimized
- Measures liquid level, volume or flow in open channels
- GSM / GPRS communication outputs

ANALYTICAL INSTRUMENTS

pH / DISSOLVED OXYGEN / CONDUCTIVITY TRANSMITTER

pH / DO / CT-100S SERIES

- pH / Dissolved Oxygen / Conductivity measurements
- 2 wire system
- Auto / Manual temperature compensation
- On-line indication through LCD display
- Simple operating interface with basic pictographs
- 4-20 mA / 4-20 mA HART Compatible



pH / DISSOLVED OXYGEN / CONDUCTIVITY TRANSMITTER

pH / DO / CT-TX 22 SERIES

- pH / Dissolved Oxygen / Conductivity measurements
- 24V DC operated with optional alarm contacts
- Built in temperature compensation
- Communication output : RS485 (MODBUS RTU)
- Designed for flow through online applications



TOROIDAL CONDUCTIVITY TRANSMITTER

CTT 100S

- On-line measurements
- 2 wire system
- 4-20 mA / 4-20 mA HART Compatible
- On-line indication through LCD display
- Auto / Manual temperature compensation
- Non volatile memory retains program settings during power failures
- Suitable for High conductivity liquids



TOROIDAL / TWO ELECTRODE CONDUCTIVITY SENSOR

CTS 001 / CS 001

- Accuracy +/-2% F. S.
- A robust two-electrode design
- Available with 1 / 0.1 / 0.01 cell constants
- Suitable for online conductivity / TDS measurements
- Minimize start-up and installation time
- In-built auto temperature compensation through PT-100 RTD sensor upto 150°C



SINGLE / DUAL CHANNEL UNIVERSAL ANALYTICAL CONTROLLER

UAC 100

- Software calibration
- Input from pH / ORP / Conductivity / DO Electrode
- Current output : 4-20mA
- Inbuilt memory for data logging
- Auto temperature compensation
- Programmable relays



INDICATORS



DIGITAL PANEL METER WITH BAR-GRAPH INDICATOR

DIAM 151KK

- Loop powered
- 51 segment tricolor Bar-Graph
- Input : 4 to 20 mA
- 96mm X 96mm DIN standard or 2" pipe mounting
- LED Display with tricolor Bar-graph



FLOW INDICATOR TOTALISER

FL 244

- Software calibration
- Input type selectable Linear / Square Root / Pulse
- Normal / Batch mode for operation
- Averaging of inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Communication MODBUS RTU



8 / 16 CHANNEL PROCESS SCANNER

SC 204

- Long lasting battery backup for memory
- Cold junction compensation for TC input
- Parallel printer port
- Software calibration
- PC communication supporting MODBUS RTU protocol
- Individual alarm output for each channel

NABL ACCREDITED CALIBRATION LABORATORY - PRESSURE & FLOW (ISO 17025)



ELECTRONET EQUIPMENTS PVT. LTD.

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*Due to our continuous product revisions,
design specification and
model numbers are subject to change without notice.