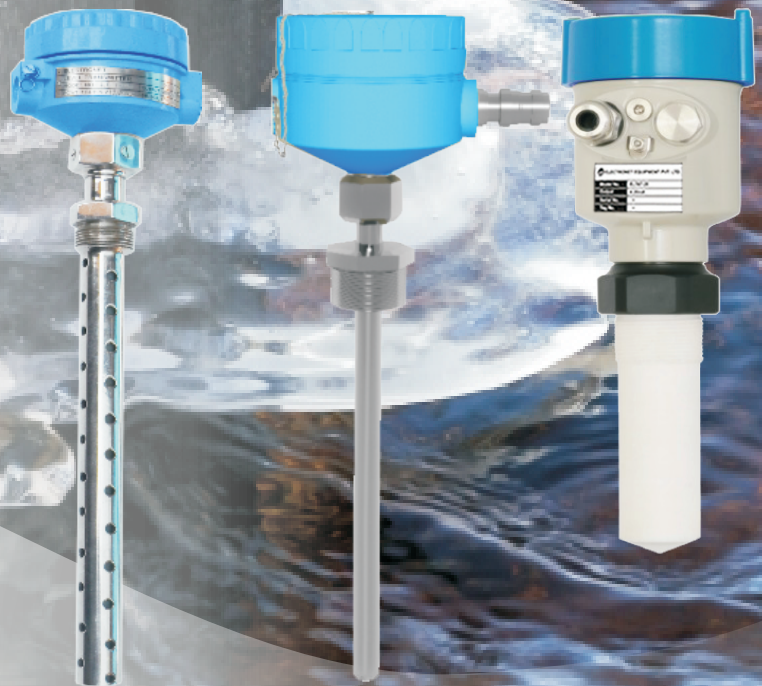


Level



ELECTRONET
NETWORKING MEASUREMENT SOLUTIONS



LEVEL Transmitters & Switches

MAGNETIC LIQUID LEVEL GAUGE

ELMLG - 100

Electronet series Magnetic Liquid Level Gauge ELMLG-100 is an instrument for indicating the fluid level. It has a magnetic float inside of the non-magnetic chamber and an indicator outside of it. The indicator indicates the fluid level by means of magnetic force of the magnet installed inside of the float. The indicator is completely separated from the chamber. The level of liquid and gaseous phases can be distinguished clearly by the Bi-color.



Features

- Commonly used for visual level indication
- Range : Max. 3000mm
- Level Indication : Bi-color bar LED lamps
- Float Chamber MOC : SS304/SS316/PVC
- Rugged construction to provide safety in handling toxic, flammable & highly corrosive liquid
- Float MOC : SS316/PP / PVDF (for Side mounted)
- Vent x Drain : ½" Threaded Plugs/Valves
- Max Temp : 70°C (PP) / 100°C (PVDF) / 400°C (SS)
- Max Test Pressure : 2 Kg/cm² (PP/PVDF) / 10 Kg/cm² (SS)
- Electronic output 4 to 20 mA

THROUGH AIR RADAR LEVEL TRANSMITTER

ELTAR - 20

Electronet series ELTAR-20 Radar Level Transmitter is high frequency level measurement instrument with the maximum measuring distance upto 30 meters. The antenna is further optimized and the new-type microprocessor can perform higher rate of signal analysis and processing, making the instrument available for complex measurement conditions such as reactors and solid silos.



Features

- Self Adjusting Tracking Radar
- Programmable
- Simple push-button calibration
- Output 4 - 20 mA / 20 - 4mA
- (Isolated on 4 Wire Model's only)
- RS232 / RS485 (Optional)
- Diagnostics & data logging software
- PLC Compatible (Modbus RTU)
- Three or four Wire Operation

CAPACITANCE LEVEL SWITCH

LCS - 02

Electronet series LCS-02 are capacitance type level switch. Vessel wall & probe forms two electrodes. If vessel is of non conductive material, the probe will be double rod type. The distance between electrode & surface area of electrodes remain unchanged. The variable is the depth of the material being measured which represents the dielectric constant between two electrodes. Air & vacuum have relative dielectric constant as 1 & that of liquids, it is greater than 1. The capacitance of the capacitor therefore depends on how much material lies between the probe & vessel wall



Features

- Switch output potential free Relay Contact
- Simple, Low Cost & Reliable
- Protection Class IP-65
- Trouble free operation for conductive / non conductive liquids, slurries

CAPACITANCE LEVEL TRANSMITTER

LCT-01

Electronet series LCT-01 are capacitance type level transmitters. Vessel wall & probe forms two electrodes. If vessel is of non conductive material, the probe will be double rod type. The distance between electrode & surface area of electrodes remain unchanged. The variable is the depth of the material being measured which represents the dielectric constant between two electrodes. Air & vacuum have relative dielectric constant as 1 & that of liquids, it is greater than 1. The capacitance of the capacitor therefore depends on how much material lies between the probe & vessel wall.



Features

- Protection class IP-65
- Two Wire System
- Trouble free operation of conductive / non conductive Liquids, slurries
- 4-20mA DC Output

FLOAT OPERATED LEVEL SWITCH

LMS-02

Electronet series LMS-02 are magnetic float operated level switches. The inbuilt level sensor is consisting of a float & guide tube made of non-magnetic material to achieve undisturbed magnetic flux. The float has magnetic system within it & moves along the guide tube which contains glass encapsulated hermitically sealed reed switches. Float follows level & magnetically actuates reed switches & provides switching output at desired preset level.



Features

- Simple, Low Cost and Reliable
- Switch output potential free Relay Contact
- Trouble free operation for conductive / non conductive Liquids, slurries
- Protection class IP-65

MAGNETIC FLOAT OPERATED LEVEL TRANSMITTER

LMT-01

Electronet series LMT-01 are magnetic float operated level transmitters. The inbuilt level sensor is consisting of a float & guide tube made of non-magnetic material to achieve undisturbed magnetic flux. The float has magnetic system within it & moves along the guide tube which contains glass encapsulated hermitically sealed reed switches. Float follows level & magnetically actuates reed switches & provides continuous 4- 20mA DC output.



Features

- Simple, Low Cost and Reliable
- Continuous 4-20mA DC output
- Trouble free operation for conductive / non conductive Liquids, slurries
- Protection Class IP-65
- 2 Wire System

TWO WIRE ULTRASONIC LEVEL TRANSMITTER

ULT - 200

Electronet series ULT-200H is a 2 wire Ultrasonic Level Transmitters specially designed for non contact type level measurement. Ultrasonic level measurement is based on the time required by ultrasonic pulses to travel from sensor & surface of liquid & back to sensor. Ultrasonic level transmitters are the best for applications such as slurries, corrosive liquids & waste water. The transmitter provides 4-20 mA DC continuous output with local indication through LCD. The measuring range is available from 0.6 to 12mtrs.



Features

- Non contact type with no moving parts
- Local Display : LCD Display
- Password Protection
- Compact size & Easy Maintenance
- Software calibration
- Measures liquid height, distance to liquid, volume or flow in open channels
- Easy to Install & Configure
- Two wire direct current loop powered
- Process down time minimized
- Narrow Beam Technology
- Automatic Temperature Compensation

Note: Also available in Battery Powered version with GSM / RF communication

GUIDED WAVE RADAR

ELGWR - 40

Electronet series ELGWR-40 4-wire TDR-Sensor with single rod or coaxial probe for continuous level measurement and point level detection in liquids, with analog and switching output.



Features

- Unmatched price/performance ratio
- Precise continuous level measurement and reliable point level detection combined in one device
- Fully modular probe design, i.e. the probe types are interchangeable without any special tools or welding
- Complete galvanic insulation of device electronics from its inputs/outputs and the tank potential (no problems with electrochemical corrosion protection)
- Highly robust measurement due to 4-wire design and innovative signal analysis and disturbance signal suppression

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