CHINA GATE GENERAL TRADING

PRODUCT CATALOG

for All Types of Flowmeters

ABOUT US:

China Gate is a General Trading company that targets the UAE market with the aim of supplying the market with the best quality and cost-efficient sources of safety, building, and hardware materials.

We are able to source and service both regional and domestic customers. China gate maintains a large in house data, which enables us to quickly source commodities and materials and make prompt and competitive quotations with the fastest delivery.

China Gate was able to work with relevant companies, stakeholders, and authorities to establish the necessary registrations and approvals for the manufacturers it represents.

China Gate has also managed to get authority approval for several manufacturers in the field of Infrastructure that includes DI Pipes and Fittings, Valves, Manhole Cover and Frames, Electromagnetic Flowmeter, and Carbon Steel Pipes and Fittings, HDPE Pipes & Fittings.

It is always our endeavor that we coordinate and deal with reputed manufacturers, factories, and suppliers that meet the satisfaction in terms of quality as well as price competitiveness of our end user.

CHINA GATE GENERAL TRADING

VISION

Contributing, as an innovative technology company with global goals, empowering to continue to achieve independence in the technological field, giving a source of pride to its people.

MISSION

We know that our talented, well-educated workforce implement up to date technologies and they are our most important resource. As a company that believes in the importance of domestic production and the power of the country's potential, our goal is to improve our production and technology day by day with the slogan "Discover the Potential".

ETRANS-M ELECTROMAGNETIC FLOWMETERS

Electromagnetic flowmeters are devices used to measure the flow rates of conductive liquid flows. Electromagnetic flowmeters work according to Faraday's Law of Induction, the flow rate of the liquid moving in the magnetic field is converted into electricity and the flow rate is measured. There are no moving parts in the internal structure so it requires less maintenance, the measurement scale is 10 times higher than other flow meters. In liquids with corrosive properties, sensor and electrode selection can be changed to provide healthy and long-lasting measurement.

Remote Type Electromagnetic Flowmeter

Etrans-M410R (Teflon)-S
Etrans-M210R (Ebonite)-S

Compact Type Electromagnetic Flowmeter

Etrans-M410K (Teflon)-S
Etrans-M210K (Ebonite)-S

Compact Type Electromagnetic Flowmeter

Etrans-M410C (Teflon)-S
Etrans-M210C (Ebonite)-S

Turkak Accredited
Calibration Opportunity

Made In Türkiye

Technical Specifications	
Measuring Range	0.05 m/s ... 15m/s
Accuracy	0.5% or 0.25% (Turkak Accredited)
Temperature	-10°C ... +60°C Rubber / -20°C ... +150°C Teflon(PTFE)
Min. Measurable Conductivity	Liquids with higher conductivity of 51S/cm
Pressure	PN10, PN16, PN25, PN40, PN64-150LB/300LB
Power Supply	85-265 VAC 50Hz or 24 VDC, Opt. Battery Operated
Output	Pulse | Frequency | 4-20Ma | RS485 Modbus | 2X Transistor Alarm (Programmable) | Opt. Hart
Indicator	Instant or Total Flow Indicator, 3x16 Backlit LCD
Alarms	Empty Pipe, Sensor Error, Over Limit
Diameter	DN10-DN3000

ETRANS-M0 NO STRAIGHT PIPE DISTANCE REQUIRED FLOWMETERS

In standard electromagnetic flowmeters, a straight pipe length of x5 diameter in front of the flowmeter and x2 diameter behind it is required for high precision measurement. In addition, there should not be any factors such as valve outlet, elbow, etc. on this line that may cause turbulence. With the M0 Electromagnetic flow meter, these difficulties are eliminated and precise flow measurements can be made without the need for costly modifications to the existing line.

Remote Type Electromagnetic Flowmeter

Etrans-M410R (Teflon)-XDÜZ
Etrans-M210R (Ebonite)-XDÜZ

Compact Type Electromagnetic Flowmeter

Etrans-M410K (Teflon)-XDÜZ
Etrans-M210K (Ebonite)-XDÜZ

Compact Type Electromagnetic Flowmeter

Etrans-M410C (Teflon)-XDÜZ
Etrans-M210C (Ebonite)-XDÜZ

Turkak Accredited
Calibration Opportunity

Made In Türkiye

Technical Specifications	
Measuring Range	0.05 m/s ... 15m/s
Accuracy	0.5% or 0.25% (Turkak Accredited)
Temperature	-10°C ... +60°C Rubber / -20°C ... +150°C Teflon(PTFE)
Min. Measurable Conductivity	Liquids with higher conductivity of 51S/cm
Pressure	PN10, PN16, PN25, PN40, PN64-150LB/300LB
Power Supply	85-265 VAC 50Hz or 24 VDC, Opt. Battery Operated
Output	Pulse | Frequency | 4-20Ma | RS485 Modbus | 2X Transistor Alarm (Programmable) | Opt. Hart
Indicator	Instant or Total Flow Indicator, 3x16 Backlit LCD
Alarms	Empty Pipe, Sensor Error, Over Limit
Entry-Exit Distance	It does not require straight pipe distance
Diameter	DN50-DN3000

ETRANS-M ELECTROMAGNETIC FLOWMETERS

Custom made electromagnetic flowmeters in software and hardware according to customer demand.

Movable Flange Remote Type Electromagnetic Flowmeter

Etrans-M410R (Teflon)-S
Etrans-M210R (Ebonite)-S

Wafer Connection Compact Type Electromagnetic Flowmeter

Etrans-M410K (Teflon)
Etrans-M210K (Ebonite)

Stainless Steel Compact Type Electromagnetic Flowmeter

Etrans-M410K (Teflon)
Etrans-M210K (Ebonite)

Technical Specifications	
Measuring Range	0.05 m/s ... 15m/s
Accuracy	0.5% or 0.25% (Turkak Accredited)
Temperature	-10°C ... +60°C Rubber / -20°C ... +150°C Teflon(PTFE)
Min Measurable Conductivity	Liquids with higher conductivity of 51S/cm
Pressure	PN10, PN16, PN25, PN40, PN64-150LB/300LB
Power Supply	85-265 VAC 50Hz or 24 VDC, Opt. Battery Operated
Output	Pulse | Frequency | 4-20Ma | RS485 Modbus | 2X Transistor Alarm (Programmable) | Opt. Hart
Indicator	Instant or Total Flow Indicator, 3x16 Backlit LCD
Alarms	Empty Pipe, Sensor Error, Over Limit
Diameter	DN10-DN3000

Turkak Accredited
Calibration Opportunity

Made In Türkiye

INSERTION TYPE ELECTROMAGNETIC FLOWMETERS

Insertion Type Electromagnetic Flowmeter

Technical Specifications	
Measuring Range	0 ~ 10 ~ 10m / s, full scale in 1 ~ 10m / s, continuously adjustable
Accuracy	When the full scale flow rate < 1m / s, 15%.
Conductivity	50 1S/cm
Pressure	16 MPa
Sensor Output Signal	0.209mVp p/1m/s.

ULTRASONIC & ELECTROMAGNETIC CALORIMETER

Calorimeters are devices used to measure the energy consumed in heating and cooling systems.They calculate the difference between two temperature measuring sensors by measuring the forward and back line temperatures.They measure the amount of water passing through the installation (m3/h) with an electromagnetic flowmeter at the same time.They are used with electromagnetic flowmeter and PT100 temperature sensors to provide high precision and accuracy in calorie measurement.The main unit calculates calories by calculating the energy difference between the temperature sensors according to the flow rate it receives and the temperature difference between the 2 temperature sensors.The system outputs this informa tion in the desired communication protocol via RS232, RS485 and Ethernet outputs.Electromagnetic calorimeter displays all measured values on the screen of forward temperature, back temperature and flow rate and sends it to the communication unit. It allows retrospective reporting by storing these values in its memory.

Technical Specifications

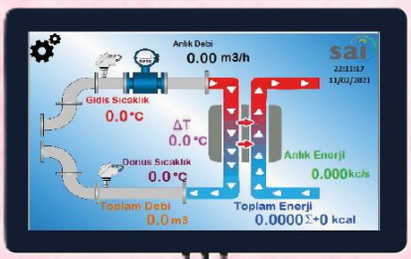
Measuring Range	0.3 m/s ... 15m/s
Accuracy	0.5% or 0.25% (Türkak Accredited)
Temperature	-10°C ... 60°C Rubber / -20°C ... +150°C Teflon
Pressure	4mpA, 16 mpA, 10 mpA
Power Supply	85-265 VAC 50 Hz veya 24VDC, Opt. Battery Operated
Protection Class	IP67 / Opt. IP68
Output	Pulse/Frequency/4-20mA/RS485 Modbus 12X Transistor Alarm (Programmable) Ops. HART

Control Unit

- IP67 Protection Class
- Dimensions 200mm. X 309mm. X 167mm.
- 4.3" TFT LCD Touch Screen
- USB Connection
- Ethernet Communication
- 1xRS232 Communication port / Optional: RS485
- 32Bit RISC Cortex-A8 600MHz Processor
- 2x Universal Output
- 2x Universal Input
- (Frequency, Thermo Element, 4-20mA, 0-10V)
- Sampling Frequency: 100 ms
- Mathematical Calculation feature
- Free Tuning Software
- Input or Output Adjustable via Software

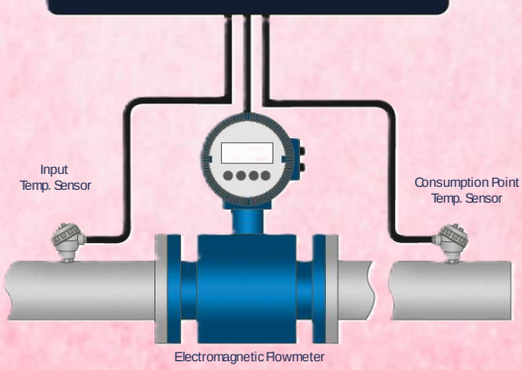
MADE IN TÜRKİYE MADE IN

Dashboard/ Control unit



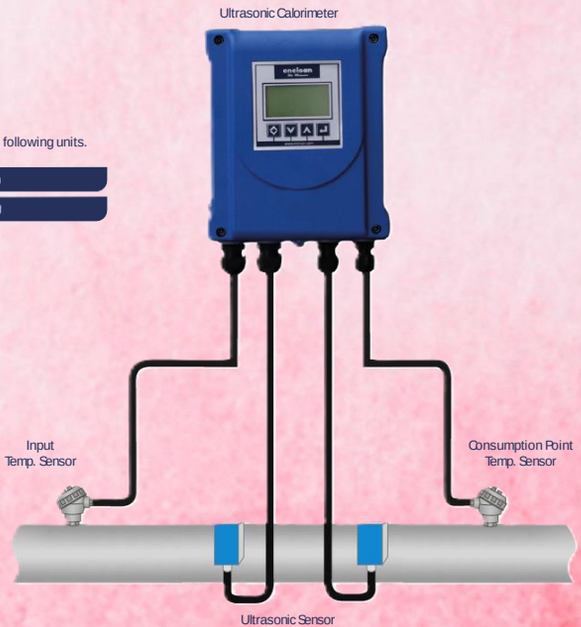
Calories can be calculated in the following units.

Giga Joule (GJ)	Kwh
Kilocalories (KC)	BTU



Electromagnetic Flowmeter

Ultrasonic Calorimeter



Ultrasonic Sensor

ETRANS-V VORTEX FLOWMETER

This flowmeter is widely used in volumetric and mass flow measurements of conductive and non-conductive liquids, vapors and gases. It does not contain moving parts, the measurement sensor and the fluid do not come into direct contact, which extends its service life. Due to the temperature and pressure compensation on it, it performs mass and volume correction processes at a precise level. It is the most economical solution for the measurement of high temperature and high pressure fluids.

Wafer Type Vortex Flowmeter

Etrans-V-S

Flanged Type Vortex Flowmeter

Etrans-V-F

Remote Type Vortex Flowmeter

Etrans-V-R

Technical Specifications

Measuring Range	0,3-7 m/s Liquid 2-70 m/sec. Gas
Accuracy	0.5% liquid, 1% Gas, Opt. 0,2 % with TURKAK Calibration)
Temperature	-50°C/+250°C -100°C/+350°C opt. high temperature
Pressure	4-100 Bar (Standard 6-10-16-25 Bar)
Power Supply	12-32 VDC
Measurable Fluid	Liquid, Gas, Steam
Output	4-20 mA opt. HART Display Pulse without display Opt. RS485 ModBus

Turkak Accredited Calibration Opportunity

Made In Türkiye

FLOW COMPUTER

Technical Specifications

Measuring Range	0-10m/s, 0-10m/s in full scale, continuously adjustable
Accuracy	Full scale flow velocity < 1m/s ±1: 5%
Conductivity	50 1 S/cm
Pressure	16 MPa
Sensor Output Signal	0.209mVp p/1m/s.

Flow Computer

ETRANS-TD TURBINE FLOWMETER

Turbine flowmeters are mechanical type flowmeters used for measuring liquid or gaseous fluids. They provide high efficiency in the measurement of non-conductive, low viscosity fluids. It can be used in automation systems with analog and digital output options. Due to its complete stainless steel material, working principle and mechanical design, it is suitable for use in impact, harsh working conditions and filling applications.

Flanged Type Stainless Steel Turbine Flowmeter

Etrans-TD-F

Gear Type Stainless Steel Turbine Flowmeter

Etrans-TD-D

Stainless Steel Turbine Flowmeter with Indicator

Etrans-TD-GF

Technical Specifications	
Measuring Range	See table of measureable flow range upon diameter
Accuracy	0.5,%, Opt. %0.2
Temperature	-20°C ... 55°C
Pressure	16-63 Bar
Power Supply	5-24 VDC / 3.6 V Lithium Battery
Protection Class	IP65/Ex-Proof Ex dIIBT4
Output	Pulse / 4-20 mA / 0-10V

Turkak Accredited Calibration Opportunity

Made In Türkiye

STAINLESS STEEL TURBINE FLOWMETERS (GAS)

Technical Specifications	
Measuring Range	15-4000 m3/h (may vary according to diameter)
Flow	Gas
Output	Pulse
Power Supply	12-24 VDC
Temperature	-40°C/+120°C
Accuracy	1%
Compressive Strength	25 bar, 63 bar
Diameters	DN15-DN300

Stainless Steel Turbine Flowmeter (Gas)

INSTANT AND TOTAL FLOW CONTROLLER

Instant And Total Flow Controller

Technical Specifications	
Input	Pulse
Output	2x8A Relay, RS485
Accuracy	0,1% Reading
Indicator	Instant and total flow
Dimensions	72x72x90 mm IP65 300 gr

FIXED-TYPE ULTRASONIC FLOWMETER

Technical Specifications	
Fluid	Liquid
Power Supply	24 VDC, 220 VAC
Output	4-20 mA, Pulse, Modbus
Temperature	-40°C/+110°C
Accuracy	0,5% SD Card 4GB, IP67
Connection	DN50 to DN800 DN25 to DN100 with extra sensor DN800 to DN6000 with extra sensor PT100 input, Calorie Count

Portable Ultrasonic Flowmeter

ETRANS-UD FLANGED TYPE ULTRASONIC FLOWMETER

Etrans-UD Flanged Type Ultrasonic Flowmeter

Technical Specifications	
Fluid	Liquid
Power Supply	24 VDC, 220 VAC
Output	4-20 mA, Pulse, Modbus
Temperature	-40°C/+110°C
Accuracy	0,5% SD Card 4GB, IP67
Connection	DN50 to DN800 DN25 to DN100 with extra sensor DN800 to DN6000 with extra sensor PT100 input, Calorie Count

PORTABLE ULTRASONIC FLOWMETER

Technical Specifications	
Fluid	Liquid
Power Supply	Battery
Temperature	-40°C/+120°C
Accuracy	0,5%
Connection	*DN20-DN800, DN800 to DN6000 with extra sensor RS32 communication*

Portable Ultrasonic Flowmeter

OPEN CHANNEL FLOWMETER (RADAR LEVEL SENSOR/ULTRASONIC LEVEL SENSOR)

With Radar Level/Ultrasonic Level Sensor Options

Technical Specifications

Data Recording	USB
Analog Input Signal	2 Pieces 4-20 mA
Analog Output Signal	2 Pieces 4-20 mA
Alarm Output	Optional
Digital Input	1Piece Pulse
Digital Output	Pulse (Opt.)
Communication	TCP Ethernet
Power Supply	24 VDC
Temperature	-20°C/50°C

DOPPLER OPEN CHANNEL FLOWMETER

It can be installed outside the pipes
The pressure drop is equal to the equivalent length of a straight pipe
It measures the flow of fluid in partially filled pipes and open channels
It can display velocity, level ,total and instantaneous flow.
Output signals, 4-20mA, RS485 (MODBUS)/ GPRS
Opt. 16GB SD CARD
20 coordinate points can be specified
It is suitable for -20°C+60°C operating temperature
Depth 0..5m
21mm/s and 4500 mm/s bidirectional

Doppler Open Channel Flowmeter

EAGLE EYE

Eagle Eye

Technical Specifications

Measuring Mode	Manual, Automatic, Telemetric
Temperature	-30°C ... +80°C
Power Supply	7-30 VDC
Communication	RS232/RS485, 4-20 mA
Max Level	35 m
Velocity Range	0,03-20 m/s
Velocity Accuracy	0,01m/s
Level Accuracy	± 1cm

ETRANS-P01 PIEZORESTIVE PRESSURE TRANSMITTER

Piezorestive Pressure Transmitter

Technical Specifications

Pressure Range	-1…+2000 bar
Temperature	-40°C ... +80°C opt. 250°C
Power Supply	10..36 VDC
Communication	G1/4" ,G1/2",Clamp,Flange
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V / 4-20 mA+HART
Protection Class	IP65

ETRANS-P01 FLUSH DIAPHRAGM PRESSURE TRANSMITTER

Flush Diaphragm Pressure Transmitter

Technical Specifications

Pressure Range	-1...+2000 bar
Temperature	-40°C ... +80°C opt. 250°C
Power Supply	10..36 VDC
Communication	G1"Flush, G1/2" Flush, Flange
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V / 4-20 mA+HART
Protection Class	IP65

ETRANS-P02 PRESSURE TRANSMITTER WITH INDICATOR

Pressure Transmitter With Indicator

Technical Specifications

Pressure Range	-1...+2000 bar
Temperature	-40°C ... +80°C opt. 250°C
Power Supply	10..36 VDC
Communication	G1/4" ,G1/2", G1/2" Flush, Clamp,Flange
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V / 4-20 mA+HART
Protection Class	IP65

ETRANS-P07 WITHOUT INDICATOR AND ETRANS-P08 WITH INDICATOR PRESSURE TRANSMITTERS

Pressure Transmitter With Indicator

Technical Specifications

Pressure Range	-1...+2000 bar
Temperature	-40°C ... +80°C opt. 250°C
Power Supply	10..36 VDC
Communication	G1/4" ,G1/2", G1/2" Flush, Clamp,Flange
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V / 4-20 mA+HART
Protection Class	IP67

ETRANS-P09 WITHOUT INDICATOR AND ETRANS-P10 WITH INDICATOR EX-PROOF PRESSURE TRANSMITTERS

Ex-Proof Pressure Transmitter

Technical Specifications

Pressure Range	-1…+2000 bar
Temperature	-40°C ... +80°C opt. 250°C
Power Supply	10..36 VDC
Communication	G1/4" ,G1/2", G1/2" Flush, Clamp,Flange
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10 V / 4-20 mA+HART
Protection Class	IP68

ETRANS-PX1 EX-PROOF PRESSURE TRANSMITTER

Technical Specifications

Pressure Range	-1…+2000 bar
Temperature	-40°C ... +135°C opt. 250°C
Power Supply	10..36 VDC
Communication	G 1/4", 1/4" NPT, G1/2", 1/2" NPT, G1", G1" Flush, G1/2" Flush, Clamp
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V
Protection Class	IP65
Usage Areas	Zone 0, Zone 1, Zone 2

Ex-Proof Pressure Transmitter

ETRANS-PX5 EX-PROOF PRESSURE TRANSMITTER

Ex-Proof Pressure Transmitter

Technical Specifications

Pressure Range	-1…+2000 bar
Temperature	-40°C ... +135°C opt. 250°C
Power Supply	10..36 VDC
Communication	G 1/4", 1/4" NPT, G1/2", 1/2" NPT, G1", G1" Flush, G1/2" Flush, Clamp
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V
Protection Class	IP65
Usage Areas	Zone 0, Zone 1, Zone 2

ETRANS-DP01 DIFFERANTIAL PRESSURE TRANSMITTER

Differantial Pressure Transmitter

Technical Specifications	
Pressure Range	-1..+40 bar
Temperature	-40°C ... +80°C opt. 250°C
Power Supply	10..36 VDC
Communication	G 1/4",G1/2"
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V / 4-20 mA+HART
Protection Class	IP65

ETRANS-DP08 DIFFERANTIAL PRESSURE TRANSMITTER

Technical Specifications	
Pressure Range	-1..+400 bar
Temperature	-40°C ... +80°C opt. 250°C
Power Supply	10..36 VDC
Communication	G 1/4",Opt.
Accuracy	0.2%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V / 4-20 mA+HART
Protection Class	IP67-IP68

Differantial Pressure Transmitter

AIR DIFFERENTIAL PRESSURE TRANSMITTER

Air Differential Pressure Transmitter

Technical Specifications	
Fluid	Air and Non-Aggresive Gas
Output	4-20 mA / 0-10V / RS485 Modbus Selectable
Power Supply	24 VDC/VAC +/- %10
Temperature	-10°C/+50°C Measuring Field Can Be Chosen
Feature Selection	Indicator / 10000 Pa / Humidity Temperature Measurement

PRESSURE TRANSMITTER COOLER

50 Bar Compressive Strength
1/4" Inlet Thread
1/4" Male Out

Temperature	Length
180°C	87 mm
250°C	107 mm

Pressure Transmitter Cooler

ETRANS-L01 HYDROSTATIC LEVEL TRANSMITTER

Hydrostatic Level Transmitter

Technical Specifications	
Measuring Range	Min 0-300 mm - Max 0-500000 mm
Liquid Temperature	0°C .. +70°C
Power Supply	10..36 VDC
Accuracy	± 0.3%
Body	Stainless Steel 316L
Output	4-20 mA / 0-10V / HART
Protection Class	IP68

ETRANS-UWA-03-LTC CONDUCTIVITY, PRESSURE AND TEMPERATURE TRANSMITTER

Conductivity, Pressure And Temperature Transmitter

Technical Specifications	
Power Supply	6-34 VDC
Output	RS485 Modbus
Body	316L Stainless Steel
Temperature Measuring Range	-20°C / +85°C
Temperature Measuring Accuracy	± 0,1°C
Pressure Measuring Range	0-120 mH20 (12 Bar, Opt. 400mH2O)
Pressure Measuring Accuracy	± 0,05% Full Scale
Conductivity Measuring Range	0-10 mS/cm or 0-200 mS/cm
Conductivity Measuring Accuracy	± 2%

DISPLAYED ULTRASONIC LEVEL TRANSMITTER

Technical Specifications
-20°C / 80°C
4-20mA, Optical Isolated (2kv) 14bit
Rs485 Communication, 2x 8A Relay
Output 24VDC +- 30% / 2W Max.
3 bar Max. Pressure
0.25-0.5 Accuracy
0.1% Resolution, 3mm
IP68 Protection
5 - 10 - 15 - 20 Meter Measurement Digital Display

ULTRASONIC LEVEL SENSOR

Technical Specifications
-20°C / 80°C
4-20mA, Optical Isolated + RS485
Modbus 24Vdc ± %30 / 2W Max. 300mA
M68*20 Connection
0.25-0.5 Accuracy
0.02% Resolution, 1mm IP65 Protection
Max. 4 Meter Measurement Adjustable
Blind Spot <100mm
15° +/- 2° Measuring Angle
Free PC Software

RAIL TYPE UNIVERSAL TRANSMITTER

Technical Specifications
0°C / 50°C
2x Universal Output
2x Universal Input
(Frequency, Thermoelement, 4-20mA, 0-10V)
Mathematical Calculation Feature
Free Setting Software
Input or Output can be Adjusted via Software

RADAR LEVEL SENSOR

Technical Specifications
-40°C / 120°C
0~ 120m
(4-20) mA HART, R5485 MODBUS-RTU
<2mm
(76 ~ 81) GHz

ETRANS-T01 TEMPERATURE TRANSMITTER

Temperature Transmitter

Technical Specifications

- Measuring range of -50°C to 600°C
- Possibility of inset changing without stopping the process
- Connection terminals with 2,3,4 and 6 wires
- IP68 DIN B from cast aluminum head
- Terminal with programmable 4-20 mA analogue output

ETRANS-T02 TEMPERATURE TRANSMITTER WITH DISPLAY

Technical Specifications

- Measuring range of -50°C to 600°C
- Possibility of inset changing without stopping the process
- Connection terminals with 2,3,4 and 6 wires
- IP68 DIN B from cast aluminum head
- Terminal with programmable 4-20 mA analogue output

Temperature Transmitter With Display

ETRANS-T03 EX-PROOF TEMPERATURE TRANSMITTER

Ex-Proof Temperature Transmitter

Technical Specifications

- Measuring range of -50°C to 600°C
- Possibility of inset changing without stopping the process
- Connection terminals with 2,3,4 and 6 wires
- IP68 DIN B from cast aluminum head
- Terminal with programmable 4-20 mA analogue output

ETRANS-T04 EX-PROOF TEMPERATURE TRANSMITTER WITH DISPLAY

Technical Specifications

- Measuring range of -50°C to 600°C
- Possibility of inset changing without stopping the process
- Connection terminals with 2,3,4 and 6 wires
- IP68 DIN B from cast aluminum head
- Terminal with programmable 4-20 mA analogue output

Ex-Proof Temperature Transmitter With Display

ETRANS-T06 WITHOUT INDICATOR AND ETRANS-T07 WITH INDICATOR TEMPERATURE TRANSMITTER

Indicator and Without Indicator Temperature Transmitter

Technical Specifications

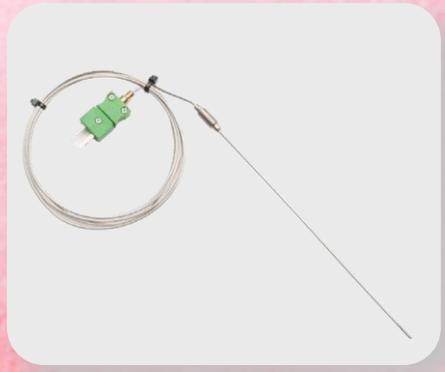
- Measuring range of -50°C to 200°C
- Possibility of inset changing without stopping the process
- IP65 protection class DIN43650 socket
- Terminal with programmable 4-20 mA analogue output

BAYONETTE TYPE THERMOCOUPLES (FE-CONST) /THERMORESISTANCES PT100-PT1000

ETB

VTB

DTB



BİLGE GSM/GPRS DATALOGGER

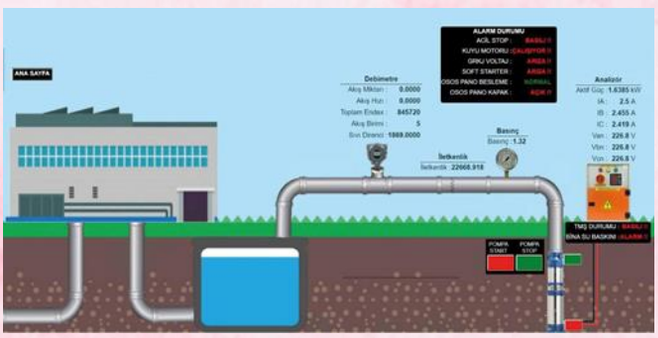
Technical Specifications

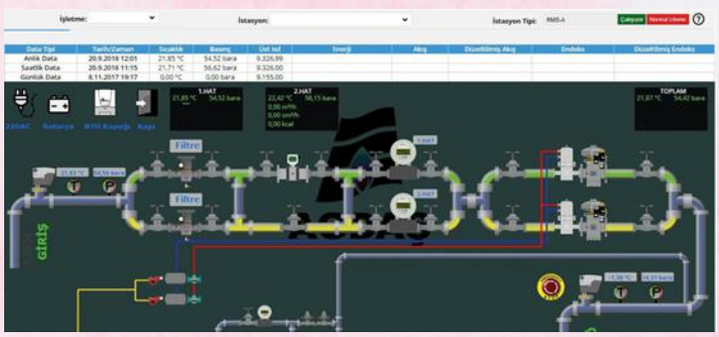
Pressure Input	0 - 25 bar input range (different ranges available) +/- 0.5% nonlinear accuracy, +/- 0.1% repeatability
Digital Input	Pulse counter feature for flow Suitable for dry contact and namur inputs
Communication	Quad band GSM / GPRS modem, internal antenna (optional external antenna, Optional 4,5G)
Communication Speed	Programmable from 15 minutes to 10 days
Registration Period	Programmable up to 60 minutes
Sampling Period	Programmable up to 60 minutes
Serial Port	RS232, full duplex, asynchronous, 4800 bps
Memory	512K, semiconductor, non-volatile flash memory User configurable define station name Persistent and immutable Datalogger ID
Hour	Dated, 24-hour based real time clock feature
Power Source	Internal Lithium battery, replaceable in the field Battery life> 5 years (depends on the usage mode)
Alarm	Alarm function with cryout feature Programmable high / low alarm limit levels Separate local / remote configuration for each channel
Working Conditions	Temperature range of -20 ° C to + 50 ° C IP68 protection class Underwater working in accordance with EN ..... norms
Dimensions	229 x 138 x 85mm (W x H x D) Polycarbonate body

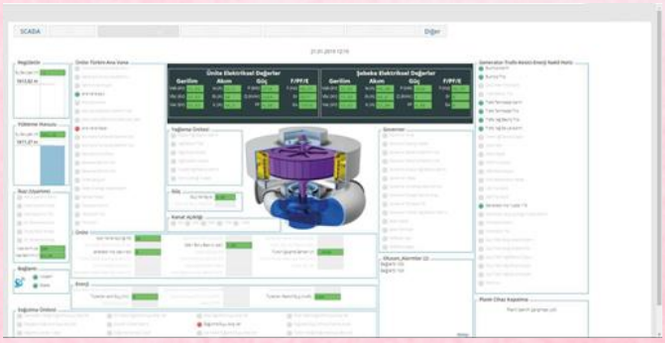
MADE IN TÜRKİYE MADE IN

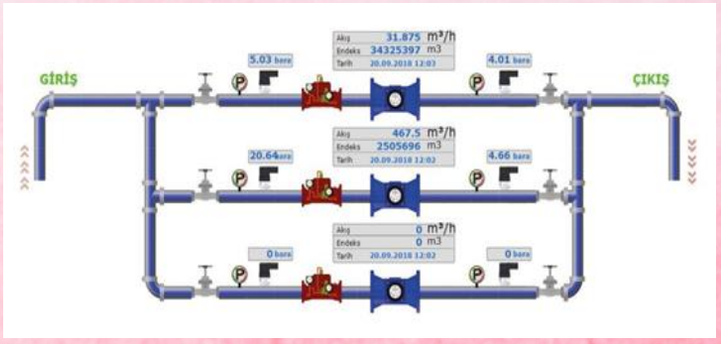
- Pulse Cable
- Pressure Hoses
- Communication Cable
- Wireless Communication Apparatus
- GSM / GPRS External Antenna
- Configuration Software
- Mounting Kit

SCADA SYSTEM









ENL 802 GSM DATALOGGER

The device has the ability to read and record 2 analog data, 2 temperature humidity sensors, 2 logic inputs and 16 modbus parameters and send them to the web. Recording and web transmission times of all data read on the device can be adjusted. 16 parameters can be read and recorded with the modbus protocol on the device. 32 alarms can be set on the device. Set up alarms can be assigned all parameters independently. 4 relays on the device can be configured according to these 32 alarms. The device works based on GSM. In alarm situations, it sends an information message to the user via SMS. All settings of the device can be adjusted on the website. At the same time, the desired settings can be made to the device via SMS. The data requested from the device can be read quickly via SMS. The settings of the device with Modbus protocol connected to the device can be changed on the website. Open/Close information can be obtained from the logic inputs on the device. An SMS or alarm can be created in line with the information received from logic inputs. There is an internal battery on the device. In case of power failure, it can send data for 24 hours at specified intervals. Internal battery-network-sending statuses can be monitored on the device. There is a real time clock on the device. Time and date information can be updated on the web. All data sent by the device can be reported to the web site. Data can be received in graphic-PDF-Excel format. The device can be fully controlled through the website, and all settings can be made online. Relay can be switched on/off manually. Measurements can be taken from 2 points with 2 temperature humidity sensors in the device.

Technical Specifications

Data Recording	4-20 mA/ 0-10V
Analogue Inputs	2 Temperature-Humidity Sensor
Sensor Inputs	-40°C...+50°C
Range of Measurement	±0.3°C
Temperature Degree of Accuracy	±0.1°C
Temperature Repeatability	0-100 %rH
Humidity Range of Measurement	± %2 %rH
Humidity of Accuracy	± %0.1 %rH
Humidity Repeatability	-20°C/50°C
Modbus	2 units RS485 Modbus RTU Only
Relays	4 units 220V 5 A AC
Logic Input	2 Units
Communication of GSM	
Quad-Band	850/900/1800/1900 MHz
GPRS Multi-slot Class	12
GPRS Mobile Station	Class B
Operation Temperature	-40°C...+85°C
Display	2x16 LCD Display
Button	2 Control Button
Memory	100.000 Recording
10 Years memory storage life	

ENL 802 GSM DATALOGGER

Water Alarm

Water Alarm

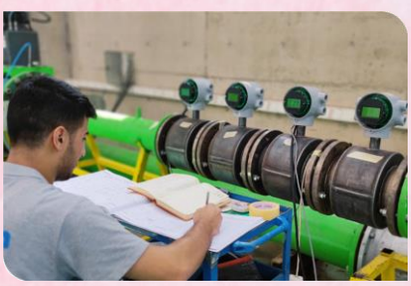
Technicial Specifications

Indicator	3 alarm leds
Siren	1 built-in siren
Number of Sensors	3 sensors can be connected
Sensor Type	2-prong cable
Strength	24 VDC
Relay	Yes
Output	2A / 125 C, NO, NC
Box	95mm x 85mm x 35mm
Wall Hanger	Yes
Weight	250g

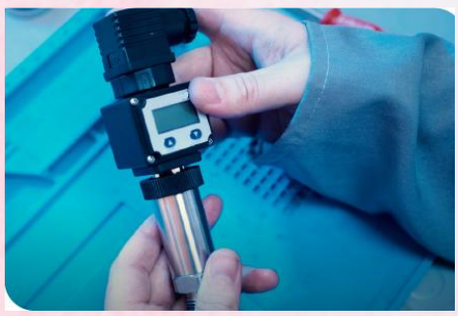
CNC MACHINE PARK

We do machining in-house with our CNC-Lathes, CNC Vertical Machining and CNC-Automat machines and we attach importance to quality at every stage of our production.

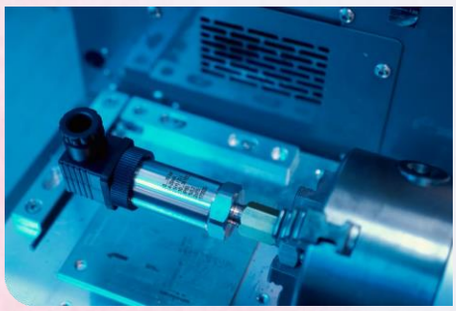
PRODUCTION-CALIBRATION-PACKAGING

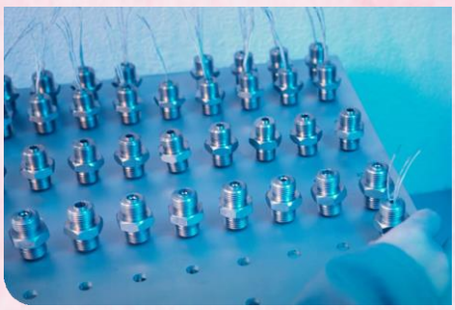
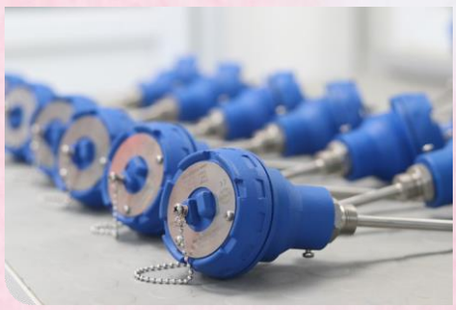


Production of Pressure - Temperature Transmitters








CHINA GATE GENERAL TRADING

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