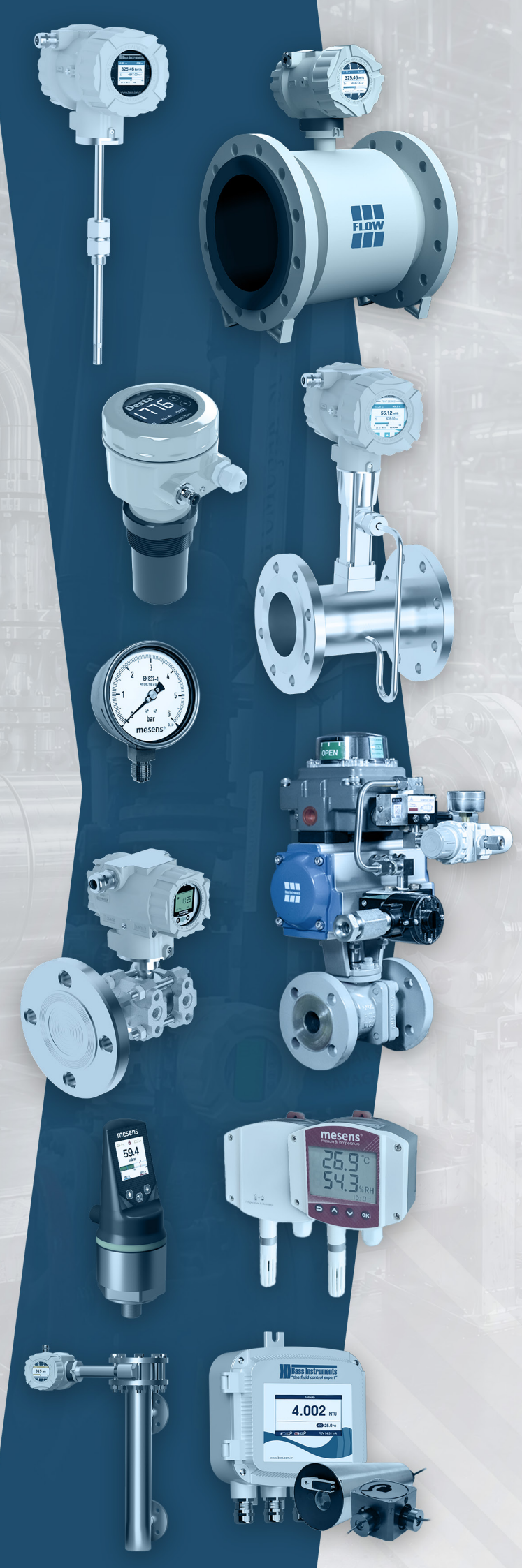


Bass Instruments

Product Summary

Ürün Kataloğu

Flow	Pressure	Level	Temperature	Analysis	Control
Akış	Basınç	Seviye	Sıcaklık	Analiz	Kontrol



04
Bass Instruments


06
Flow
Akış


16
Pressure
Basınç

24
Level
Seviye



30
Temperature
Sıcaklık


34
Analysis
Analiz


40
Control Valves
Kontrol Vanaları





Brands / *Markalarımız*

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Certificates / *Sertifikalarımız*

We provide calibration certificates under ISO/IEC 17025 accreditation for pressure and liquid flow measurements.

With our expert team, we develop tailored industrial solutions in accordance with ISO 9001, ISO 14001, ISO 45001 standards, and applicable CE requirements.

Designed for demanding industrial environments, our products meet relevant ATEX and SIL requirements.

Through our EAC-certified products, we actively participate in projects across the Eurasian Economic Union, while our WRAS-approved solutions ensure reliable use in drinking water applications.

Basınç ve sıvı debisi ölçümlerine yönelik ISO/IEC 17025 akreditasyonu kapsamında kalibrasyon sertifikaları sunuyoruz.

Uzman ekibimizle, ISO 9001, ISO 14001, ISO 45001 standartları ve ilgili CE gereklilikleri doğrultusunda, endüstriyel ihtiyaçlara özel çözümler geliştiriyoruz.

Zorlu çalışma koşulları için tasarlanan ürünlerimiz, ilgili ATEX ve SIL gerekliliklerini karşılamaktadır.

EAC sertifikalı ürünlerimizle Avrasya Ekonomik Birliği pazarındaki projelerde aktif rol alırken, WRAS onaylı çözümlerimizle içme suyu uygulamalarında güvenilir kullanım sağlıyoruz.

Special Products for Special Applications



Bass Instruments

Founded in Istanbul in 2006, Bass Ölçme Enstrümanları A.Ş. specializes in developing innovative and reliable solutions for the measurement, monitoring, and control of essential process parameters, including flow, pressure, level, and temperature.

With extensive industry experience, engineering expertise, and a technology-driven approach, Bass Measurement Instruments continues to serve its customers from its 1,050 m² headquarters in Istanbul.

Our factory, covering 10,000 m² of outdoor space and 3,500 m² of indoor space, is home to Türkiye's largest and most advanced liquid and gas flow laboratory. Equipped with state-of-the-art technology, this facility provides testing solutions that meet international standards, enabling public institutions and private-sector organizations to fulfill their testing requirements domestically while reducing dependence on overseas testing services.



Exporting to more than 50 countries, our company has established a strong presence in international markets through its reliable, high-quality products and customer-oriented approach. With 11 patents, Bass Measurement Instruments demonstrates its commitment to innovative engineering, research and development, and continuous technological advancement.

Bass Ölçme Enstrümanları is a trusted technology and product supplier to leading companies in Türkiye and worldwide, serving a wide range of industries, including chemical, petrochemical, water, wastewater, textile, oil, gas, food, beverage, paper, iron, steel, pharmaceutical, heating with energy, ventilation and air conditioning (HVAC).

Bass Ölçme Enstrümanları

Bass Ölçme Enstrümanları A.Ş., akışkanların debi, basınç, seviye ve sıcaklık gibi temel proses parametrelerinin ölçülmesi, izlenmesi ve kontrolüne yönelik yenilikçi ve güvenilir çözümler geliştirmek amacıyla 2006 yılında İstanbul'da kurulmuştur.

Kuruluşundan bu yana sektörde edindiği deneyim, mühendislik uzmanlığı ve teknoloji odaklı yaklaşımıyla faaliyetlerini sürdüren Bass Ölçme Enstrümanları, İstanbul'da bulunan 1.050 m² büyüklüğündeki merkez binasında müşterilerine hizmet vermektedir.

10.000 m² açık ve 3.500 m² kapalı alana sahip fabrikamız, Türkiye'nin en büyük ve en gelişmiş sıvı ve gaz akış laboratuvarına ev sahipliği yapmaktadır. İleri teknolojiyle donatılmış bu altyapı sayesinde, kamu kurumlarının ve özel sektör kuruluşlarının test ihtiyaçlarına uluslararası standartlarda, yurt içinde çözümler sunulmakta ve yurt dışı test hizmetlerine olan bağımlılık azaltılmaktadır.

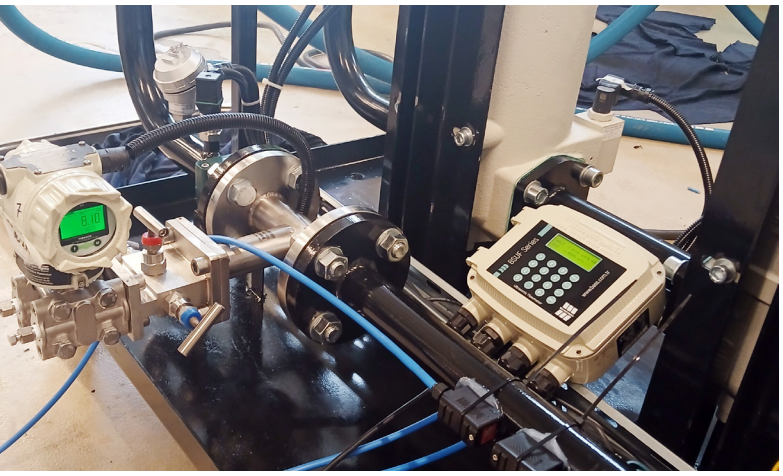


50'den fazla ülkeye gerçekleştirdiği ihracatla uluslararası pazarda güçlü bir konuma ulaşan firmamız, yüksek kalite standartlarına sahip güvenilir ürünleri ve müşteri odaklı yaklaşımıyla küresel ölçekte faaliyetlerini sürdürmektedir. Sahip olduğu 11 patent, Bass Ölçme Enstrümanları'nın yenilikçi mühendislik anlayışının, araştırma ve geliştirme çalışmalarına verdiği önemin ve teknolojik ilerlemeye olan bağlılığının önemli bir göstergesidir.

Bass Ölçme Enstrümanları; kimya, petrokimya, su, atıksu, tekstil, gaz, petrol, gıda, içecek, kâğıt, demir-çelik, ilaç, enerji ile ısıtma, havalandırma ve iklimlendirme (HVAC) sektörlerinde faaliyet gösteren, Türkiye'nin ve dünyanın önde gelen kuruluşlarına ölçüm ve kontrol çözümleri sunan güvenilir bir teknoloji ve ürün tedarikçisidir.

Flow
Akış

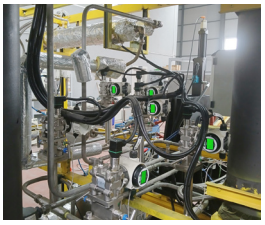
Variable Area Flowmeters	*Şamandıralı Debimetreler*
Flow Indicators	*Akış Göstergeleri*
Flow Switches	*Akış Şalterleri*
Metal Tube Flowmeters	*Metal Tüp Debimetreler*
Turbine Flowmeters	*Türbin Debimetreler*
Magnetic Flowmeters	*Manyetik Debimetreler*
Vortex Flowmeters	*Vorteks Debimetreler*
Ultrasonic / Open Channel Flowmeters	*Ultrasonik / Açık Kanal Debimetreler*
Thermal Mass Flowmeters	*Termal Kütle Debimetreler*
Differential Pressure Flowmeters	*Fark Basınç Debimetreler*
Coriolis Mass Flowmeters	*Coriolis Kütle Debimetreler*
Positive Displacement Flowmeters	*Pozitif Deplasmanlı Debimetreler*
Flow Computers	*Akış Bilgisayarları*

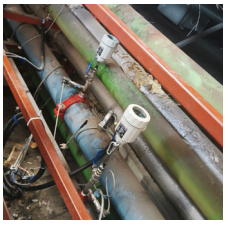












A1



PMBC

Acrylic Plastic Flowmeter
Akrilik Plastik Akış Ölçerler

Water / *Su*	: 0,6...6 l/h | 25...250 l/h
Air / *Hava*	: 0,05...0,5 Nl/m | 10...100 Nl/m
Tmax	: 60 °C
Pmax	: 10 Bar
Connection / *Bağlantı*	: G 1/4" or NPT
Wetted Parts / *Islak Kısımlar*	: SS316
Accuracy / *Hassasiyet*	: %3F.S.

A2



PSDK

VA Plastic Flowmeter
Şamandıralı Plastik Akış Ölçerler

Water / *Su*	: 4...40 l/h | 8...60 m³/h
Air / *Hava*	: 0,1...1,5 Nm³/h | 100...1000 Nm³/h
Tmax	: 60°C (on request 100 °C)
Pmax	: 10 Bar
Connection / *Bağlantı*	: DN10...DN65
Body / *Gövde*	: PVC, PSU, PVDF
Float / *Şamandıra*	: PVDF, SS
Accuracy / *Hassasiyet*	: <±%3 F.S.
Output / *Çıkış*	: Relay or (on request 4-20 mA)

A3



FS25

Paddle Type Flow Switch
Daldırma Tip Akış Anahtarı
N.O-N.C. / *Akış Var-Yok*

Enclosure / *Koruma*	: IP65 or Ex d II C T6
Tmax	: 150°C
Pmax	: 70 bar
Connection / *Bağlantı*	: 1" (for DN25...DN600 pipe size)
Wetted Parts / *Islak Kısımlar*	: AISI316 SS
Supply / *Besleme*	: 250 V, 3A SPDT switch

A4



FITD

Metal Tube Flowmeter
Metal Tüp Akış Ölçerler

Water / *Su*	: 1...10 l/h | 20...200 m³/h
Air / *Hava*	: 0,03...0,3 m³/h | 500...5000m³/h
Tmax	: 200°C (on request 350°C)
Pmax	: 40 bar (on request 100bar)
Connection / *Bağlantı*	: DN15...DN150
Accuracy / *Hassasiyet*	: <±2% F.S.
Material / *Malzeme*	: SS304, SS316
Output / *Çıkış*	: Relay one or two, 4..20mA Ex-proof, HART
Display / *Gösterge*	: Analog or LCD

A5



DFFK

Low Flow Turbine Flowmeter
Aşırı Düşük Akış Sensörü

Liquid / *Sıvı*	: 2...50 l/h | 18...600 l/h
Tmax	: 70°C
Pmax	: 40 bar
Connection / *Bağlantı*	: 1/4"
Viscosity / *Viskozite*	: 5 cSt max.
Accuracy / *Hassasiyet*	: <±2%
Body / *Gövde*	: POM, ECTFE, PVDF
Output / *Çıkış*	: Pulse / 4-20 mA

A6



FMPV

Paddlewheel Flowmeter
Çarklı Tip Akış Sensörü

Liquid / *Sıvı*	: 0,3...37 l/min | 40...600 l/m
Tmax	: 70°C (on request 125 °C)
Pmax	: 10 bar (on request 25 bar)
Connection / *Bağlantı*	: 1/2"...2" threaded | *dişli*
Accuracy / *Hassasiyet*	: <±1% F.S.
Body / *Gövde*	: PVC
Output / *Çıkış*	: Pulse (on request 4-20 mA or 0-10VDC)

A7



BIPF

Insertion Paddlewheel Flowmeter
Daldırma Tip Çarklı Akış Sensörü

Liquid / *Sıvı*	: 0,15...8 m/sec
Accuracy / *Hassasiyet*	: <±1% F.S.
Tmax	: 70°C (on request 125°C)
Pmax	: 10 bar (on request 25 bar)
Connection / *Bağlantı*	: 1 1/4" insertion for DN50...DN600
Body / *Gövde*	: PVC, PP, PVDF, AISI316
Output / *Çıkış*	: Pulse, on request 4-20 mA or 0-10VDC
Display / *Gösterge*	: LCD (on request)

A8



TDSS

Turbine Flowmeter
Türbin Tip Akış Ölçer

Water-Oil / *Su-Yağ*	: 0,6...6 l/m | 40...800 m³/h
Tmax	: 120°C (on request 150 °C)
Pmax	: 63 bar (on request 400 bar)
Connection / *Bağlantı*	: DN15...DN300 Threaded or Flange
Accuracy / *Hassasiyet*	: <±1% R
Body / *Gövde*	: AISI304, 316, Ex-proof
Output / *Çıkış*	: Pulse, 4-20 mA or 0-10V DC (HART on request)
Display / *Gösterge*	: LCD (on request)

A9



EMDE

Magnetic Flowmeter
Manyetik Akış Ölçer

Liquid / *Sıvı*	: 0,1...10 m/sec
Tmax	: 70°C (on request 150°C or 180°C)
Pmax	: 40 bar
Connection / *Bağlantı*	: DN4...DN2500
Accuracy / *Hassasiyet*	: <±0,5% (on request <±0,2%)
Lining / *Kaplama*	: PTFE, Rubber, PFA
Display / *Gösterge*	: LCD, TFT
Body / *Gövde*	: Carbon Steel or AISI316
Output / *Çıkış*	: Pulse, Frequency, 4-20 mA, Relay, Modbus, HART, ProfiBus, FF

A10



EMDE-PF

Partially Filled Electromagnetic Flowmeter
Tam Dolu Olmayan Hatlar İçin Elektromanyetik Akış Ölçer

Liquid / *Sıvı*	: 0,1...10 m/sec
Tmax	: 70°C
Pmax	: 16 bar
Connection / *Bağlantı*	: DN100...DN2500
Accuracy / *Hassasiyet*	: <±2%
Lining / *Kaplama*	: Rubber
Display / *Gösterge*	: LCD, TFT
Body / *Gövde*	: Carbon Steel or AISI316
Output / *Çıkış*	: Pulse, Frequency, 4-20 mA, Relay, Modbus, HART, ProfiBus, FF

A11



EMDE-Z

Zero Up and Zero Down Installation Magnetic Flowmeter
Düz Boru Mesafesi İstenmeyen Manyetik Akış Ölçer

Liquid / *Sıvı*	: 0,1...10 m/sec
Tmax	: 70°C (on request 150°C or 180°C)
Pmax	: 40 bar
Connection / *Bağlantı*	: DN4...DN2500
Accuracy / *Hassasiyet*	: <±0,5% (on request <±0,2%)
Lining / *Kaplama*	: PTFE, Rubber, PFA
Display / *Gösterge*	: LCD, TFT
Body / *Gövde*	: Carbon Steel or AISI316
Output / *Çıkış*	: Pulse, Frequency, 4-20 mA, Relay, Modbus, HART, ProfiBus, FF

A12



DOMA

Paddlewheel Flowmeter
Minyatür Manyetik Akış Ölçer

Liquid / *Sıvı*	: 0,001...1 m³/h | 1...57 m³/h
Tmax	: <±0,5% MV
Pmax	: 120°C
Connection / *Bağlantı*	: 40 bar
Accuracy / *Hassasiyet*	: 1/2"...2"
Body / *Gövde*	: AISI304 , AISI 316
Output / *Çıkış*	: Pulse 1,6 KHz (on request 4-20 mA), RS485 MODBUS

A13

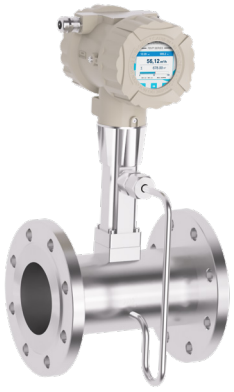


EMDE-IT

Insertion Type Magmeter
Daldırma Tip Manyetik Akış Ölçer

Liquid / *Sıvı*	: 0,10...15 m/sec
Accuracy / *Hassasiyet*	: <±1,5%
Tmax	: 70°C, (on request 150°C)
Pmax	: 16 bar
Connection / *Bağlantı*	: 1" or 2" threaded for DN100...DN3000
Body / *Gövde*	: AISI316L
Output / *Çıkış*	: Pulse, 4-20 mA, MODBUS, HART, ProfiBus, FF

A14

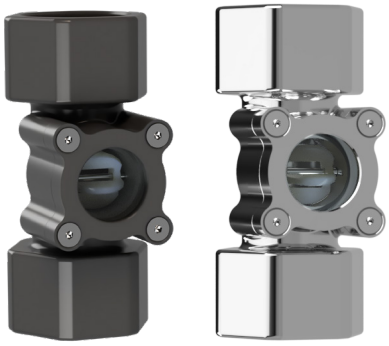


FBVP

Vortex Flowmeter - Insertion Vortex Flowmeter
Vorteks Akış Ölçer - Daldırma Vorteks Debimetre

Liquid / *Sıvı*	: 0,3...7 m/sec
Gas / *Gaz*	: 2...70 m/sec
Tmax	: -40...+250 °C (on request 350 °C)
Pmax	: +40 bar
Connection / *Bağlantı*	: DN15...300 flanged (up to DN2000 for insertion)
Accuracy / *Hassasiyet*	: <±0.5% for liquids, <±1.0% for gas or Steam
Display / *Gösterge*	: Rate and Total / *Anlık ve Toplam*
Output / *Çıkış*	: 4...20 mA and Pulse, MODBUS - HART, ProfiBus, FF

A15



FAGY

Flow Sight Glass
Akış Göstergesi

Connection / *Bağlantı*	: DN15...DN200 Screwed or Flanged *Dişli veya flanşlı*
Body / *Gövde*	: AISI304,316, PVC, PTFE
Sight Glass / *Cam*	: Borosilicate Glass
Tmax	: 80 °C (on request 260 °C)
Pmax	: 16 bar

A16

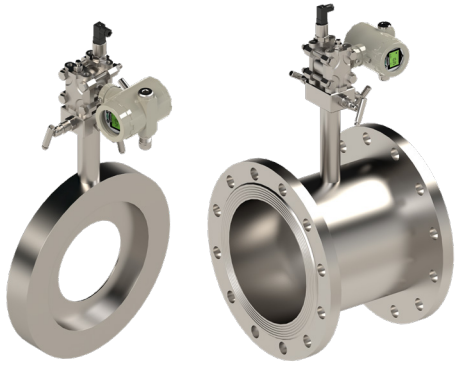


VCFM

V-Cone Type Flowmeter
Konik Tip Akış Akış Ölçer

Applications / *Uygulamalar*	: Liquid, Gas, Steam / *Sıvı, Gaz, Buhar*
Tmax	: 450°C (on request 1000°C)
Pmax	: 40 bar (on request 100 bar)
Connection / *Bağlantı*	: DN100...DN1000 flanged, BW
Accuracy / *Hassasiyet*	: <±%1
Body / *Gövde*	: Carbonsteel, AISI304, 316

A17

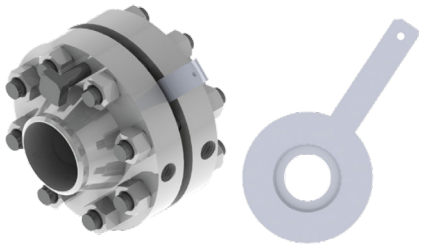


FOFT

Compact Orifice Flowmeter
Kompakt Orifis Akış Ölçer

Water / *Su*	: 7...30 m³/h | 500...2000 m³/h
Air / *Hava*	: 1,5...6 m³/min | 58...233 m³/min
Tmax	: 100°C (on request 250°C)
Pmax	: 40 bar (on request 100 bar)
Connection / *Bağlantı*	: DN50...DN600
Accuracy / *Hassasiyet*	: <±%1 F.S.
Output / *Çıkış*	: Relay or 4..20mA Ex-proof ops. / *Kontak*

A18



OPBS

Orifice Plate And Flanges
Orifis Plakalar ve Flanşları

Applications / *Uygulamalar*	: Liquid, Gas, Steam / *Sıvı, Gaz, Buhar*
Tmax	: 450°C (on request 1000°C)
Pmax	: 310 bar
Connection / *Bağlantı*	: DN25...DN2000
Accuracy / *Hassasiyet*	: <±%1
Body / *Gövde*	: AISI304, 316, Carbonsteel / *K.Çelik*

A19

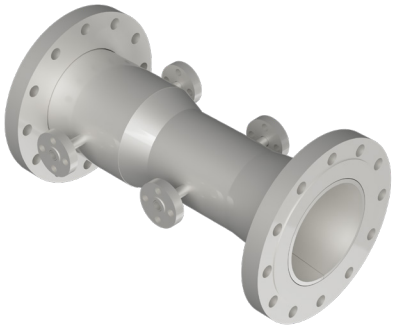


BOPT

Average Pitot Tube Flowmeter
Ortalama Pitot Tüp Akışölçer / Daldırma Tip

Application / *Uygulamalar*	: Liquid, Gas, Steam / *Sıvı, Gaz, Buhar*
Tmax	: 1000 °C
Pmax	: 137 bar (on request 420 bar)
Connection / *Bağlantı*	: DN50...DN3000
Accuracy / *Hassasiyet*	: <±1%
Output / *Çıkış*	: 4...20 mA
Body / *Gövde*	: Stainless Steel / *Paslanmaz Çelik*

A20



VTBS

Venturi Flow Sensor
Ventüri Akış Sensörü

Application / *Uygulamalar*	: Liquid, Gas, Steam / *Sıvı, Gaz, Buhar*
Tmax	: 450°C (on request 1000°C)
Pmax	: 137 bar (on request 310 bar)
Connection / *Bağlantı*	: DN50...DN2000 flanged, BW
Accuracy / *Hassasiyet*	: <±1%
Body / *Gövde*	: Carbonsteel, AISI304, 316

A21



BSUF-TTCP

Clamp-On Ultrasonic Flowmeter
Ultrasonik Akış Ölçer (Sabit)

Range / *Aralık*	: ± 0.01...25 m/sec
Application / *Uygulama*	: Liquids / *Sıvılar*
Tmax	: 90 °C (on request 160 °C, 250 °C)
Accuracy / *Hassasiyet*	: <±1%
Output / *Çıkış*	: 4-20 mA, Pulse, (on request ProfiBus, FF, MODBUS, HART)
Connection / *Bağlantı*	: DN15...DN6000
Enclosure / *Koruma*	: IP66, Ex Proof (on request ATEX)
Display / *Gösterge*	: Rate and Total / *Anlık ve Toplam* Akış

A22



BSUF-TTHH

Portable Ultrasonic Flowmeter
Portatif Ultrasonik Akış Ölçer

Range / *Aralık*	: -12...+12 m/sec
Tmax	: -40...80°C (on request 130 °C)
Accuracy / *Hassasiyet*	: <±1%
Connection / *Bağlantı*	: DN25...DN1200
Communication / *İletişim*	: RS-485
Display / *Gösterge*	: 240x128 back lit LCD

A23



BSUF-TTHM

Inline Ultrasonic Flowmeter
Hat Tipi Ultrasonik Akış Ölçer

Range / *Aralık*	: 0,01...12 m/s (bi-directional)
Tmax	: -20...90°C | -30...160°C
Accuracy / *Hassasiyet*	: <±0.5%
Size / *Bağlantı Ölçüsü*	: DN15...DN600
Display / *Gösterge*	: Rate and Total LCD / *Anlık ve Toplam*
Connection / *Bağlantı Tipi*	: Flanged / *Flanşlı*
Communication / *İletişim*	: RS-485 MODBUS, HART, PROFIBUS, FF
Body / *Gövde*	: Carbonsteel, AISI304, 316 / *K. Çelik*

A24



BAB Series

Smart Flow Controller
Smart Akış Kontrol Cihazı

Connection / *Bağlantı*	: 144x144 mm Panel mount / Pano tip
Input / *Giriş*	: 0-5VDC, 0-10VDC, Pulse, 4-20 mA, pt100
Display / *Gösterge*	: Rate and Total TFT touchscreen *Anlık ve toplam akış dokunmatik ekran*
Output / *Çıkış*	: 4...20 mA, 0-10 VDC, pulse RS-485, HART, PROFIBUS, FF
Unit / *Birim*	: Selectable units / *Seçilebilir Birimler*
Applications / *Uygulamalar*	: Gas Volumetric, Saturated - Super Heated Steam, Gas Compensation

A25



FSHU

Ultrasonic Flowmeter For Partially Filled Pipe
Tam Dolu Olmayan Borular İçin Ultrasonik Debimetre

Range / Aralık	: 0,02...4,5 m/sec
Connection / Bağlantı	: DN100...DN6000
Accuracy / Hassasiyet	: <±2%
Output / Çıkış	: Pulse, 4-20 mA
Display / Gösterge	: TFT, Rate-Total Flow and Level *Anlık-Toplam Debi ve Seviye*
Communication / İletişim	: RS-485 MODBUS, HART, PROFIBUS, FF

A26



RSHU

Radar Flow Measurement System
Temassız Radar Akış Ölçer Sistem

Range / Aralık	: 0,05...20 m/sec
Application / Uygulama	: Non-standard channels and Rivers *Akarsu ve Kanallar*
Level Measurement	: Up to 30 m
Output / Çıkış	: Pulse, 4-20 mA
Display / Gösterge	: TFT, Rate-Total Flow and Level *Anlık-Toplam Debi ve Seviye*
Communication / İletişim	: RS-485 MODBUS, HART, PROFIBUS, FF

A27



BOCF

Open Channel Flowmeter
Açık Kanal Akış Ölçer

Application / *Uygulama*	: Liquids / Sıvılar
Range / *Aralık*	: 0-6m...0-10m
Connection / *Bağlantı*	: Channels, Flumes / Standart Kanallar
Accuracy / *Hassasiyet*	: <±2 mm
Output / *Çıkış*	: Pulse, 4-20 mA
Display / *Gösterge*	: Rate, Total and Level TFT, Anlık-Toplam ve Seviye
Communication / *İletişim*	: RS-485 MODBUS, HART, PROFIBUS, FF

A28



FCKD

Coriolis Mass Flowmeter
Coriolis Kütle Akış Ölçer

Range / *Aralık*	: 0...4 kg/h | 30...1500 t/h
Tmax	: 125 °C (on request 350 °C)
Pmax	: 40 bar (on request 250 bar)
Connection / *Bağlantı*	: 1/4"...2", DN15 ... DN300
Accuracy / *Hassasiyet*	: <±0,1...0,2 or 0,5%
Body / *Gövde*	: AISI316 (on request Hastelloy - C)
Output / *Çıkış*	: Pulse, 4-20 mA, MODBUS, HART, FF
Display / *Gösterge*	: Rate, Total, Temperature and Density *Anlık, Toplam, Sıcaklık ve Yoğunluk*

A29



FUEP

Plastic Oval Gear Flowmeter
Kimyasallar İçin Oval Dişli Akış Sensörü

Range / *Aralık*	: 3,6-60 l/h...60-3600 l/h.
Connection / *Bağlantı*	: 1/4"...1/2"
Tmax	: 60°C
Pmax	: 10 bar
Accuracy / *Hassasiyet*	: <±1% (on request <±0,5%)
Output / *Çıkış*	: Pulse, 4...20 mA, 0-10VDC
Body / *Gövde*	: PP, PEEK
Viscosity / *Viskozite*	: 5...8000 cP max.

A30



BKFS

Calorimetric Flow Switch
Kalorimetrik Akış Anahtarı

Range Liquid / *Aralık Sıvı*	: 0,3...3 m/sec
Range Gas / *Aralık Gaz*	: 2...30 m/sec
Connection / *Bağlantı*	: 1/2" insertion / *daldırma tip*
Tmax	: 80 °C
Pmax	: 300 bar
Body / *Gövde*	: AISI316 SS
Output / *Çıkış*	: PNP, NPN or SPDT relay, 4-20 mA
Enclosure / *Koruma*	: IP68 (on request Ex-proof)

A31



BFLC

Oval Gear Flowmeter
Oval Dişli Akış Ölçer

Range / *Aralık*	: 0,02...0,5 m3/h | 50...500 m3/h
Tmax	: 100 °C (on request 280 °C)
Pmax	: 16 bar (on request 63 bar)
Connection / *Bağlantı*	: DN25...DN400
Accuracy / *Hassasiyet*	: <±0,5% (on request <±0,2%)
Display / *Gösterge*	: Mechanical or Digital / *Mekanik veya LCD*
Output / *Çıkış*	: Pulse, 4-20 mA, RS485, HART, PROFIBUS
Body / *Gövde*	: Cast Iron, Steel, Stainless Steel Döküm, Çelik, Paslanmaz döküm

A32



GODF - FODF

Oval Gear / Spur Gear Flowmeter
Oval Dişli / Dairesel Dişli Akış Ölçer

Liquid / *Sıvı*	: 1...150 ml/m | 0.5...12 l/m
Accuracy / *Hassasiyet*	: <±1% - 0,5% - 0,2%
Tmax	: -25...70°C (on request 120°C)
Pmax	: 40 bar (on request 300 bar)
Connection / *Bağlantı*	: 1/8"...1"
Body / *Gövde*	: Aluminium (on requestAISI 316L)
Output / *Çıkış*	: Pulse, 4-20 mA, RS485 MODBUS

A33



FTMF

Thermal Mass Flowmeter
Termal Kütlesel Akış Ölçer

Range / *Aralık*	: 0...158 Nm³/h | 0...10000 Nm³/h
Connection / *Bağlantı*	: 1/4"...2" Threaded / *Dişli*
Tmax	: -20...60°C
Pmax	: 16 bar (on request 40 bar)
Accuracy / *Hassasiyet*	: <±1,5%
Output / *Çıkış*	: 4-20 mA, Pulse, Modbus, Hart, Profibus, FF
Display / *Gösterge*	: Rate and Total / *Anlık ve Toplam*

A34



CTMD

Insertion Type Thermal Mass Flowmeter
Daldırma Tip Termal Kütle Akış Ölçerler

Range / *Aralık*	: 0...150 Nm/sec.
Application / *Uygulama*	: Dry Gases / *Gazlar*
Tmax	: 70°C (on request 150°C)
Pmax	: 16 bar, (on request 40 bar)
Connection / *Bağlantı*	: DN25...DN2500
Output / *Çıkış*	: 4-20 mA, Pulse, Modbus, Hart, Profibus, FF
Accuracy / *Hassasiyet*	: <±1,5%
Display / *Gösterge*	: Rate and Total / *Anlık ve Toplam*

A35

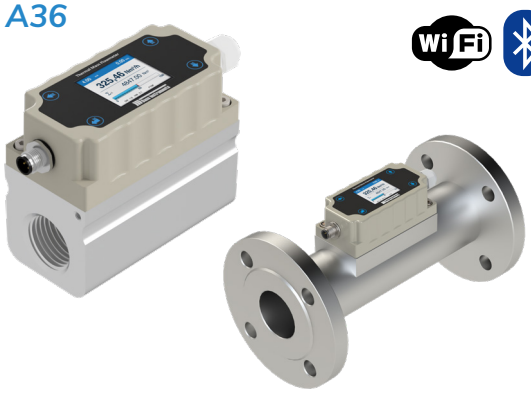


WGAA

Insertion Type Wet Gas Flowmeter
Daldırma Tip Islak Gaz Akışölçerler

Range / *Aralık*	: 20...200 Nm/sec.
Application / *Uygulama*	: Wetted Gases / *Nemli ve Islak Gazlar*
Tmax	: -40...150°C
Pmax	: 16 bar
Connection / *Bağlantı*	: DN25...DN2500
Output / *Çıkış*	: 4-20 mA, Pulse, Modbus, Hart, Profibus, FF
Accuracy / *Hassasiyet*	: <±%2
Display / *Gösterge*	: Rate and Total, Pressure and Temp. *Anlık ve Toplam*

A36



WGIL

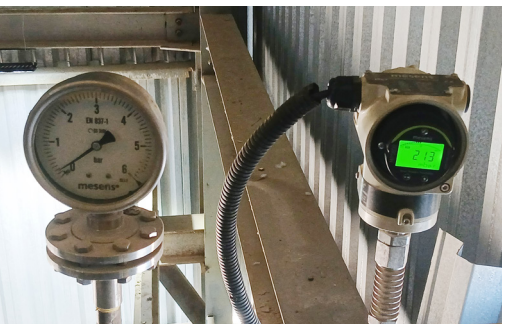
Wet Gas Inline Flowmeter
Hat Tipi Nemli Gaz Akış Ölçer

Application / *Uygulama*	: Wetted Gases / *Nemli ve Islak Gazlar*
Tmax	: -20...60°C
Pmax	: 16 bar (on request 40 bar)
Line Size / *Hat Çapı*	: 1/4"...2" threaded, Flanged / *Dişli, Flanşlı*
Accuracy / *Hassasiyet*	: <±%2 RD
Wet Parts / *Islak Kısımlar*	: Aluminum - AISI 316
Output / *Çıkış*	: 4-20 mA, Pulse, Modbus, Hart, Profibus, FF
Supply / *Besleme*	: 16...28 VDC

Pressure
Basınç

mesens
Pressure Sensors

Pressure Transmitters	*Basınç Transmitterleri*
Smart Pressure Transmitters	*Smart Basınç Transmitterleri*
Melt Pressure Transmitter	*Eriyik Basınç Transmitteri*
Pressure Switches	*Basınç Şalterleri*
Pressure Gauges and Diaphragms	*Basınç Göstergeleri ve Diyaframlar*
Digital Pressure Gauges	*Dijital Manometreler*
Accessories	*Aksesuarlar*











B1



MEPS

Pressure Switch
Basınç Anahtarları

Range / *Aralık*	: -1...0 bar | 27...270 bar
Temp. / *Sıcaklık*	: -40°C...205°C
Pmax	: 345 bar
Connection / *Bağlantı*	: 1/4", 1/2"
Body / *Gövde*	: AISI316
Output / *Çıkış*	: SPDT relay / *kontak* 250 V 20 A, IP65

B2



MAPS...

Exproof Pressure Switch
Exproof Basınç Anahtarları

Range / *Aralık*	: -1...0 bar | 27...270 bar
Temp. / *Sıcaklık*	: -40°C...205°C
Pmax	: 345 bar
Connection / *Bağlantı*	: 1/4", 1/2"
Body / *Gövde*	: AISI316
Output / *Çıkış*	: SPDT Relay / *Kontak*, 250V 20A IP 65 Ex-proof, ex d IIC T4

B3

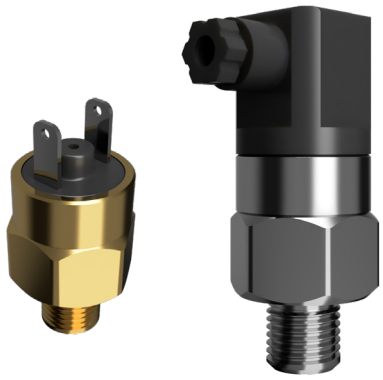


PDMS

Low Differential Pressure Switch
Fark Basınç Anahtarı

Range / *Aralık*	: 20...200 Pa | 1000...5000 Pa
Connection / *Bağlantı*	: Hose
Temperature / *Sıcaklık*	: -40...85 °C
Pmax	: 10 Kpa
Output / *Çıkış*	: SPDT
Body / *Gövde*	: PA Plastic
Enclosure / *Koruma*	: IP54
Contact Values / *Kontak Değerleri*	: 250V, 1,5A

B4



PMS

Miniature Pressure Switch
Minyatür Basınç Anahtarları

Range / *Aralık*	: -1...0 bar | 27...270 bar
Temperature / *Sıcaklık*	: -20°C...100°C
Pmax	: Scale x 1.3
Connection / *Bağlantı*	: 1/4", 1/2"
Body / *Gövde*	: Zinc-Nickel Plated Steel, AISI316
Output / *Çıkış*	: SPST kontak / relay, 250 V 20 A
Enclosure / *Koruma*	: IP 65

B5



MPGA

Pressure Gauge
Manometre

Connection / *Bağlantı*	: 1/4"...1/2"
Temperature / *Sıcaklık*	: -20 °C... 100 °C (on request 300 °C)
Range / *Ölçme*	: -1...0 bar | 0...1000 bar
Dial Size / *Gösterge Çapı*	: 50, 63, 100, 160 mm
Body / *Gövde*	: AISI316L (Hastelloy C, Tantalum, etc.)
Accuracy / *Hassasiyet*	: CL1.0, CL1.6, CL2.5

B6



MDAF

Diaphragm Seal Pressure Gauge
Dişli Tip Diyaframlı Manometreler

Connection / *Bağlantı*	: 1/4"...1/2"
Proses Connection / *P. Bağlantı*	: 1/2"...2"
Temperature / *Sıcaklık*	: -40°C...150°C (on request 300 °C)
Range / *Ölçme*	: -1...1,5 bar | 0...350 bar
Body / *Gövde*	: AISI316L, Hastelloy C276, vb.
Diaphgram / *Diyafram*	: AISI316L, Hastelloy, Titanium, Tantalum

B7



MDFF

Flanged Connection Flush Diaphragm Seal
Flanşlı Tip Diyaframlı Manometreler

Proses Connection / *Proses Bağlantı*	: DN50...DN150, ANSI150, 300, PN16, 40, JIS 10, 20K, ANSI150, 300 RF
Temperature / *Sıcaklık*	: -40 °C...150 °C (on request 300 °C)
Range / *Ölçme*	: -1...1,5 bar | 0...100 bar
Body / *Gövde*	: AISI316L, Hastelloy
Diaphgram / *Diyafram*	: AISI316L, Hastelloy, Titanium, Tantalum

B8



MDHD

Diaphragm Seal Pressure Gauge
Clamp Diyaframlı Manometreler

Proses Connection / *P. Bağlantı*	: 1"...2" ISO, DIN, DN25...DN50
Temperature / *Sıcaklık*	: -40°C...150°C
Range / *Ölçme*	: -1...1,5 bar - 0...60 bar
Body / *Gövde*	: AISI316L, Hastelloy C,
Diaphgram / *Diyafram*	: AISI316L, Hastelloy, Titanium, Tantalum

B9



MPGC - MPGK

Contact or 4-20 mA Output Pressure Gauge
Kontakt veya 4-20 mA Çıkışlı Manometre

Connection / *Bağlantı*	: 1/4...1/2"
Temperature / *Sıcaklık*	: -20 °C...100 °C (on request 300 °C)
Range / *Ölçme*	: -1...0 bar | 0...1000 bar
Dial Size / *Gösterge Çapı*	: 50, 63, 100, 160 mm
Body / *Gövde*	: AISI316L (Hastelloy C, Tantalum, etc.)
Accuracy / *Hassasiyet*	: CL1.0, CL1.6, CL2.5
Output / *Çıkış*	: 4-20 mA, 2W or 2 contact

B10



DMPGA

Differential Pressure Gauge
Fark Basınç Manometresi

Range / *Aralık*	: 0...25 mBar | 0...16 bar
Temperature / *Sıcaklık*	: -20°C...100°C
Static Pressure /*Statik Basınç*	: 40 bar max (on request 100 bar)
Connection / *Bağlantı*	: 2x1/4" NPT - F
Accuracy / *Hassasiyet*	: Class 1,6 / (on request 1,0)
Body / *Gövde*	: AISI316L
Dial Glass / *Gösterge Camı*	: Safety glass
Dial Size / *Gösterge Çapı*	: 100 mm (on request 160 mm)
Sensing Method / *Ölçme Şekli*	: Diaphragm Type, Piston Type

B11



MSPS

Smart Electronic Pressure Switch
Akıllı Elektronik Basınç Şalteri

Range / *Aralık*	: -1...0 bar | 0...1000 bar
Connection / *Bağlantı*	: G 1/4", 1/2" or 1"
Body / *Gövde*	: AISI316
Display / *Gösterge*	: TFT Display
Tmax	: -25...80 °C, (on request 250 °C)
Output / *Çıkış*	: 4-20 mA or 0-10 VDC, 2x PNP / NPN Relay

B12



MPS100

OEM Pressure Transmitter
OEM Basınç Transmitterleri

Range / *Aralık*	: -1...0 bar | 0...40 bar
Temp. / *Sıcaklık*	: -40°C...80 °C
Connection / *Bağlantı*	: G1/4", 1/2"
Accuracy / *Hassasiyet*	: <±1% FS.
Body / *Gövde*	: AISI304
Enclosure / *Koruma*	: IP65, IP67
Output / *Çıkış*	: 4...20 mA, 0...10 VDC

B13



MPS200

OEM Pressure Transmitter
OEM Basınç Transmitter

Range / *Aralık*	: 0...2,5 bar | 0...250 bar
Temperature / *Sıcaklık*	: -40°C...100 °C
Connection / *Bağlantı*	: G1/4", 1/2"
Accuracy / *Hassasiyet*	: <±% 1 FS.
Body / *Gövde*	: AISI304
Enclosure / *Koruma*	: IP65, IP67
Output / *Çıkış*	: 4...20 mA, 0...10 VDC, etc.
Sensor Material / *Sensör Malzemesi*	: Ceramic

B14



MPS300 - MPS500

Pressure Transmitter
Basınç Transmitter

Range / *Aralık*	: 0...10 mbar | 0...1000 bar
Temperature / *Sıcaklık*	: -40°C... 120°C
Accuracy / *Hassasiyet*	: <±% 0,5 (on request <±%0,2) FS.
Body / *Gövde*	: AISI304 , AISI316
Enclosure / *Koruma*	: IP67, IP68
Output / *Çıkış*	: 4...20 mA,0...10V DC, HART, MODBUS
Power Supply / *Besleme*	: 9-32 V DC
Connection / *Bağlantı*	: 1/4",1/2" dişli

B15



MPS700 - MPS710

Flush Diaphragm Pressure Transmitter
Önden Diyafram Basınç Transmitteri

Range / *Aralık*	: 0...0,1 bar | 0...1000 bar
Temperature / *Sıcaklık*	: -40°C...125°C (on request 250°C)
Accuracy / *Hassasiyet*	: <±% 0,5 (on request <±%0,2) FS.
Body / *Gövde*	: AISI304 , AISI316
Enclosure / *Koruma*	: IP67, IP68
Output / *Çıkış*	: 4...20 mA,0...10V DC, HART, MODBUS
Power Supply / *Besleme*	: 10-32 V DC
Connection / *Bağlantı*	: Threaded ISO2852 1 ½" , 2" / 1/2", 1"

B16



MPS400

High Pressure Transmitter
Yüksek Basınç Transmitteri

Range / *Aralık*	: 0...1600 bar | 0...6000 bar
Temperature / *Sıcaklık*	: -40°C...125°C
Accuracy / *Hassasiyet*	: <±% 0,5 (on request <±%0,2) FS.
Body / *Gövde*	: AISI304 , AISI316
Enclosure / *Koruma*	: IP67, IP68
Output / *Çıkış*	: 4...20 mA, 0...10V DC, etc, HART, MODBUS
Connection / *Bağlantı*	: M20 x 1,5

B17

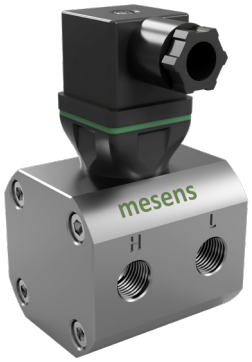


MPP100

Pressure Transmitter for Chemical Applications
Kimyasallar için Basınç Transmitteri

Range / *Aralık*	: 0...0,6 bar | 0...40 bar
Temperature / *Sıcaklık*	: -40°C...60°C (on request 100°C)
Body / *Gövde*	: PVDF, PVC
Enclosure / *Koruma*	: IP67
Output / *Çıkış*	: 4...20 mA, 0...10V DC
Connection / *Bağlantı*	: 1/4", 1/2", 1" Threaded

B18

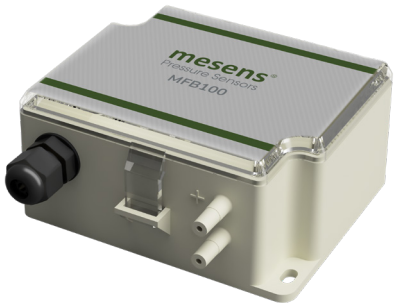


MFB200

Differential Pressure Transmitter
Fark Basınç Transmitteri

Range / *Aralık*	: 0...10 mbar | 0...25 bar
Temperature / *Sıcaklık*	: -40°C...120°C
Body / *Gövde*	: AISI304 , AISI316
Enclosure / *Koruma*	: IP67
Output / *Çıkış*	: 4...20 mA,0...10V DC, HART, MODBUS
Power Supply / *Besleme*	: 9-32 V DC
Connection / *Bağlantı*	: 1/4",1/2" Threaded

B19



MFB100

Differential Pressure Transmitter For Inert Gas
Insert Gazlar İçin Fark Basınç Transmitteri

Range / *Aralık*	: 0...1 mbar | 0...1 bar
Temperature / *Sıcaklık*	: -10°C...70°C
Accuracy / *Hassasiyet*	<±1%
Body / *Gövde*	: Plastic / Plastik
Enclosure / *Koruma*	: IP65
Output / *Çıkış*	: 4...20 mA, 0...10V DC, MODBUS
Power Supply / *Besleme*	: 9-32 V DC
Connection / *Bağlantı*	: Hose

B20



MPG300

Digital Pressure Gauge
Dijital Manometreler

Range / *Aralık*	: -1...1 bar | 0...2500 bar
Temperature / *Sıcaklık*	: -10°C...85 °C
Connection / *Bağlantı*	: 1/4", 1/2"
Units / *Birim*	: Bar, kg/cm², psi, KPa, MPa.
Accuracy / *Hassasiyet*	: <±0,4% (<± 0,1% or <±0,05%)
Body / *Gövde*	: AISI316
Peak Value Display / *Tepe Değer Göstergesi*	: Yes / *Var*

B21



MPS600

Smart Pressure Transmitter
Smart Tip Basınç Transmitteri

Range / *Aralık*	: -1...0 bar | 0...600 bar
Temperature / *Sıcaklık*	: -40°C...120°C
Connection / *Bağlantı*	: G1/2", (on request NPT)
Accuracy / *Hassasiyet*	: <±0,5% (on request <±0,2%)
Body / *Gövde*	: AISI304, AISI316
Output / *Çıkış*	: 4...20 mA, (on request RS485-MODBUS)
Supply / *Besleme*	: 10,5 - 55 VDC
Display / *Gösterge*	: LCD
Optional / *Opsiyon*	: Flanged, Flush diaphragm or Capillary *Flanşlı, Önden Diyaframlı, Kapiler Borulu*

B22



MSP3200

Smart Pressure Transmitter
Smart Tip Basınç Transmitteri

Range / *Aralık*	: -1...0 bar | 0...700 bar
Temperature / *Sıcaklık*	: -40°C...120°C
Connection / *Bağlantı*	: 1/2"
Accuracy / *Hassasiyet*	: <±0,075% (on request <±0,04%)
Body / *Gövde*	: SS. Ex-proof IP67
Output / *Çıkış*	: 4...20 mA+HART, PROFIBUS
Supply / *Besleme*	:12-45 VDC
Display / *Gösterge*	: LCD
Optional / *Opsiyon*	: Flanged, Flush diaphragm or Capillary *Flanşlı, Önden Diyaframlı, Kapiler Borulu*

B23



MSP3200L

Diaphragm Sealed Smart Pressure Transmitter
Diyafram Ayırıcılı Akıllı Basınç Transmitterleri

Range / *Aralık*	: -1...0 bar | 0...700 bar
Temperature / *Sıcaklık*	: -40°C...250°C
Connection / *Bağlantı*	: DN25...DN150 Flanged
Body / *Gövde*	: SS. Ex-proof
Output / *Çıkış*	: 4...20 mA+HART, IP67
Supply / *Besleme*	:12-45 VDC
Display / *Gösterge*	: LCD
Optional / *Opsiyon*	: with Capillary

B24



MSP3100

Smart Differential Pressure Transmitter
Smart Fark Basınç Transmitteri

DP Range / *Aralık*	: 0...10 mbar | 0...40 bar
Temperature / *Sıcaklık*	: -40°C...250°C
Pmax	: 160 bar (on request 420 bar)
Connection / *Bağlantı*	: 1/4" or DN25...DN150 Flanged
Body / *Gövde*	: SS. Ex-proof
Output / *Çıkış*	: 4...20 mA+HART, IP67
Supply / *Besleme*	: 12-45 VDC
Display / *Gösterge*	: LCD
Optional / *Opsiyon*	: Flanged, Flush diaphragm or Capillary Flanşlı, Önden Diyaframlı, Kapiler Borulu

B25



MMPS

Melt Pressure Transmitter
Eriyik Basınç Transmitteri

Range / *Aralık*	: 0-35 bar | 0-1500 bar
Temperature / *Sıcaklık*	: 300°C max
Accuracy / *Hassasiyet*	: <±1,5% FS
Output / *Çıkış*	: 2 mv / v ÷3,3mv/v, 4-20 mA, 0-10 VDC
Supply / *Besleme*	: 24 VDC
Connection / *Bağlantı*	: 1/2" - 20 UNF (on request M14 x 1,5 M18 x 1,5)

B26



MPS.AK.02

Cooling Tower - Capillary Tube
Soğutucu Eleman - Kılcal Boru

Connection / *Bağlantı*	: 1/2" X 1/2" or 1/4"
Body / *Gövde*	: AISI316
Cooling / *Sıcaklık Düşürme*	: from 400 °C to 60 °C
Pmax	: 250 bar
Tmax	: 400°C

B27



2W-3W-5W

2 Way, 3 Way and 5 Way Manifold
İki Yollu, Üç Yollu ve Beş Yollu Manifoldlar

Proses Connection / *P.Bağlantı*	: 1/2" or Flanged
Instrument Conn.	: Threaded, flanged / *Dişli, Flanşlı*
Temperature / *Sıcaklık*	: 205°C max. (on request 400°C)
Pmax	: 420 bar max.
Wetted Parts / *Islak Kısımlar*	: AISI 316
Drain Hole / *Tahliye*	: 1/4"NPT

B28



BAB100P

Smart Pressure Controller
Smart Basınç Kontrol Cihazı

Connection / *Bağlantı*	: 144 x 144 Panel type / *Pano tip*
Input / *Giriş*	: 4...20 mA, 0...10VDC, 0...5VDC
Output / *Çıkış*	: 4-20 mA or / 0-10VDC, +4 Relay / *Röle*
Communication / *İletişim*	: RS485-MODBUS or HART
Display / *Gösterge*	: *480x272 pixel TFT Touch Screen*

Level
Seviye

Ultrasonic Level Transmitter	*Ultrasonik Seviye Transmitteri*
Hydrostatic Level Transmitter	*Hidrostatik Seviye Transmitteri*
Radar Level Transmitter	*Radar Seviye Transmitteri*
Capacitive Level Transmitter	*Kapasitif Seviye Transmitteri*
Displacer Level Transmitter	*Displacer Seviye Transmitteri*
Level Switches	*Seviye Şalterleri*
Level Gauges & Controller	*Seviye Göstergeleri ve Kontrolörleri*











C1



LLP01 - LLP02

Miniature Float Level Switches
Parmak Tip Seviye Anahtarları

Connection / *Bağlantı*	: 1/2", M18
Body / *Gövde*	: PP, PBT, AISI316
Output / *Çıkış*	: NO/NC, SPST
Switching Voltage	: 300 V DC/AC max.
Temp. / *Sıcaklık*	: 80°C, 120°C
Pressure / *Basınç*	: 10 bar max.
Installation / *Montaj*	: Horizontal / *Yatay*
Enclosure / *Koruma*	: IP68, exproof

C2



LLS1001

Horizontal Magnetic Level Switches
Manyetik Şamandıralı Seviye Anahtarları

Connection / *Bağlantı*	: G1-1/2" - Flange
Float Material / *Şamandıra*	: SS304, SS316
Output / *Çıkış*	: NO/NC, 1xSPDT,2x SPDT
Switch Rating / *Voltaj*	: 3A/250 VAC
Temp. / *Sıcaklık*	: 200°C, 350°C
Pressure / *Basınç*	: 10 bar, 45 bar
Installation / *Montaj*	: Horizontal / *Yatay*
Enclosure / *Koruma*	: IP68, exproof

C3



LABS

Cable Type Float Level Switch
Kablolu Seviye Şalteri

Kablo / *Cable*	: 5m, 10m, 15m, 20m.
Float Material / *Şamandıra*	: PP
Cable Mat. / *Kablo Malz.*	: Rubber FEP, SHIF, PUR, EPDM
Kontak / *Contact Rating*	: 1xSPDT
Temperature. / *Sıcaklık*	: 50°C / 80°C
Activation Angle / *Kontakt Açısı*	: 20°, 45°
Enclosure / *Koruma*	: IP68 (on request ATEX Ex ia IIC T6)

C4



LTSS / LTAS

Vibrating Fork/Rod Level Switches
Titreşimli Seviye Anahtarları

Connection / *Bağlantı*	: G1/2", G1", G1-1/2" or Flanged
Fork-Rod Material *Çatal-Çubuk Malzemesi*	: SS316L, SS304
Output / *Çıkış*	: PNP/NPN, SPDT, DPDT
Voltaj / *Voltage*	: 20-60 VDC, 20-250 VAC,
Operating Temperature *Sıcaklık*	: 120°C, 150°C max. (on request 300°C)
Operating Pressure / Basınç	: -1...40 bar (on request 100 bar)
Enclosure / *Koruma*	: IP67,IP68, Ex d IIC T6

C5



LSTS

Magnetic Float Level Transmitter
Şamandıralı Seviye Şalteri

Range / *Aralık*	: 0...0,1 m | 0...3 m
Temp. / *Sıcaklık*	: max 100°C (200°C on request)
Output / *Çıkış*	: 4-20 mA or 0-10 VDC
Enclosure / *Koruma*	: IP67
Display / *Gösterge*	: LCD on request
Wetted Parts / *Islak Kısımlar*	: AISI 316L
Resolution / *Çözünürlük*	: 5 mm
Communication / *İletişim*	: Modbus, Hart, Profibus, FF

C6



LKST

Capacitive Level Switch And Transmitter
Kapasitif Seviye Anahtarı ve Transmitteri

Range / *Aralık*	: 0...100 mm | 0...40 m
Connection / *Bağlantı*	: 3/4", 1" or Hygienic Connection Hijyenik Bağlantı
Wetted Parts / *Islak Kısımlar*	: AISI316 or PTFE
Output / *Çıkış*	: NPN, PNP, Relay / Kontak 4-20 mA, 0-10 VDC
Enclosure / *Koruma*	: IP65, IP67ops. Exproof

C7



LDLC

High Frequency Level Switch
Yüksek Frekans Seviye Anahtarı

Connection / *Bağlantı*	: G 1/2"
Wetted Parts / *Islak Kısımlar*	: AISI316 - PEEK
Pressure / *Basınç*	: 100 bar max.
Temperature / Sıcaklık	: -40...+120 °C, (200°C on request)
Supply / *Besleme*	: 18...36VDC
Elc. Connection / *Elk. Bağlantısı*	: IP67
Instertion Length / *Dalma Boyu*	: 50, 100, 200 mm

C8

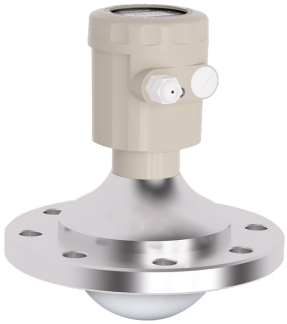


LULT

Ultrasonic Level Transmitter
Ultrasonik Seviye Transmitter

Range / *Aralık*	: 0...6m | 0...10m
Connection / *Bağlantı*	: G1-1/2", G2"
Temp. / *Sıcaklık*	: -40...+70°C
Accuracy / *Hassasiyet*	: <±0,2%
Output / *Çıkış*	: 4...20 mA, 2 wire / 3 wire
Enclosure / *Koruma*	: IP66, IP68 (on request)
Display / *Gösterge*	: LCD graphic display / *LCD grafik ekran*
Communication / *İletişim*	: RS485-MODBUS or HART

C9



DYOT

Industrial Radar Level Transmitter
Endüstriyel Radar Seviye Transmitteri

Range / *Aralık*	: 0...70 m
Baglantı / *Connection*	: Flanged
Accuracy / *Hassasiyet*	: <±3 mm
Application / *Uygulama*	: *Solid and liquids with dust or steam*
Pressure / *Basınç*	: -1...100 Bar
Temperature / *Sıcaklık*	: -40...150°C
Output / *Çıkış*	: 4-20 mA + HART, MODBUS
Beam Angle / *Yayılım Açısı*	: 8°
Display / *Gösterge*	: LCD

C10



DRSO

120 GHz Radar Level Transmitter
120 GHz Radar Seviye Transmitteri

Range / *Aralık*	: 0...120 m
Baglantı / *Connection*	: G1 1/2"
Accuracy / *Hassasiyet*	: <±0,7 mm
Application / *Uygulama*	: *Solid and liquids with dust or steam*
Pressure / *Basınç*	: -1...50 Bar
Temperature / *Sıcaklık*	: -60...200°C
Output / *Çıkış*	: 4-20 mA + HART, MODBUS (on request)
Beam Angle / *Yayılım Açısı*	: 0,7°
Display / *Gösterge*	: LCD

C11



LPRS80

80 GHz Radar Level Transmitter
80 GHz Radar Seviye Transmitteri

Range / *Aralık*	: 0...6m | 0...10m | 0...30m
Connection / *Bağlantı*	: G1-1/2"
Pmax	: -1...3 Bar
Tmax	: -40°C...+80°C
Accuracy / *Hassasiyet*	: <±2mm
Output / *Çıkış*	: 2-wire, 4...20 mA, HART, MODBUS
Enclosure / *Koruma*	: IP67 veya IP68

C12

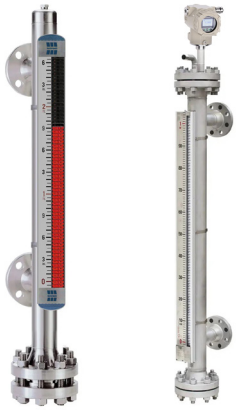


LDGR

Guided Radar Level Transmitter
Kılavuz Radar Seviye Transmitteri

Range / *Ölçme Aralığı*	: 0...40 m
Temp. / *Sıcaklık*	: -30...+120°C, (on request 350 °C)
Accuracy / *Hassasiyet*	: <±2 mm den <±4 mm'ye
Body / *Gövde*	: AISI316
Output / *Çıkış*	: 4...20 mA+HART (RS485 MODBUS)
Supply / *Besleme*	: 18...30VDC
Connection / *Bağlantı*	: G 1-1/2" or Flanged

C13



LBMS

Magnetic Level Gauge
Manyetik Seviye Göstergesi

Range / *Ölçme Aralığı*	: 0...0,3m | 0...5m
Temperature / *Sıcaklık*	: -40...+80°C, (on request 250°C)
Accuracy / *Hassasiyet*	: <±10mm
Body / *Gövde*	: Carbon Steel or AISI316
Output / *Çıkış*	: (on request 4...20 mA+HART,
Pmax	RS485 MODBUS)
	: 40 bar (on request 250 bar)

C14



MLSS

Hydrostatic Rode Level Transmitter
Hidrostatik Çubuk Tip Seviye Transmitteri

Range / *Aralık*	: 0...0,5 m | 0...40 m
Temp. / *Sıcaklık*	: max 100°C
Output / *Çıkış*	: 4-20 mA (on request 0-10 VDC)
Enclosure / *Koruma*	: IP67
Display / *Gösterge*	: (on request LCD)
Wetted Parts / *Islak Kısımlar*	: AISI 316L
Accuracy / *Hassasiyet*	: <±0,5%

C15



MPS580

Submersible Level Transmitter
Hidrostatik Seviye Transmitteri

Range / *Ölçme Aralığı*	: 0...60 cm | 0...250 m
Temp. / *Sıcaklık*	: -40...70°C
Accuracy / *Hassasiyet*	: <±0,5% (on request <±0,2%)
Body / *Gövde*	: SS, PVDF, PVC
Output / *Çıkış*	: 4-20 mA , 0-10 VDC (RS485 MODBUS)
Ventilated Cable	: PE or PUR

C16



MCTL

CTD Transmitter
(Conductivity-Temperature-Depth)

Range Depth	: 0...60 cm | 0...250 m
Range Conductivity	: 0...10mS | 0...200mS
Range Temperature	: 0...60°C
Accuracy / *Hassasiyet*	: **EC** <±2% FS, **Depth** <±0,5% **Temp** <±0,5°C
Supply / *Besleme*	: 12-24V DC
Output / *Çıkış*	: RS485 MODBUS
Ventilated Cable	: PE or PUR

C17



LDZG

Smart Displacer Level Transmitter
Smart Displacer Seviye Transmitteri

Range / *Ölçme Aralığı*	: 0...0,3m | 0...3m
Temperature / *Sıcaklık*	: -100...+200°C, (on request 400°C)
Accuracy / *Hassasiyet*	: <±0,5%
Body / *Gövde*	: Carbon Steel or AISI316
Output / *Çıkış*	: 4...20 mA+HART (RS485 MODBUS)
Supply / *Besleme*	: 18...30VDC
Pmax	: 40 bar (on request 250 bar)
Display / *Gösterge*	: LCD

C18



LEDW

Displacer Level Indicator
Displacer Seviye Göstergesi

Range / *Ölçme Aralığı*	: 0...1m | 0...10m
Temperature / *Sıcaklık*	: -40...+200°C, (on request 400 °C)
Accuracy / *Hassasiyet*	: <±5mm
Body / *Gövde*	: Carbon Steel or AISI316
Output / *Çıkış*	: Analog Display
Pmax	: 40 bar (on request 100 bar)

C19



BAB100DL

Double Channel Level Transmitter
Çift Kanallı Ultrasonik Seviye Transmitteri
Differential Level or Two Level / *İki Seviye Farkı ya da İki Farklı Seviye*

Range / *Aralık*	: 0...6m | 0...10 m
Connection / *Bağlantı*	: G 2"
Accuracy / *Hassasiyet*	: <±0.2%
Temperature / *Sıcaklık*	: -40...+80°C
Output / *Çıkış*	: 4...20 mA/0-10 VDC, RS485 MODBUS, 4 Relays / *Kontaklı*
Display / *Gösterge*	: TFT touchscreen display *TFT Dokunmatik Ekran*
Function / *İşlev*	: L1 and L2, L1-L2 or L2-L1

C20



BAB100L

Smart Level Controller
Seviye Kontrol Cihazı

Connection / *Bağlantı*	: 144 x 144 Panel type / *Pano tip*
Input / *Giriş*	: 4...20 mA, 0...10VDC, 0...5VDC
Output / *Çıkış*	: 4-20 mA or 0-10VDC, +4 Relay
Communication / *İletişim*	: RS485-MODBUS or HART
Display / *Gösterge*	: *480x272 pixel TFT Touch Screen*

Temperature
Sıcaklık

mesens
Pressure Sensors

Resistance Thermometers	*Rezistans Termometreler*
Temperature Transmitters	*Sıcaklık Transmitterleri*
Temperature & Humidity Transmitters	*Sıcaklık & Nem Transmitterleri*
Temperature Switches	*Sıcaklık Şalterleri*
Thermometers	*Termometreler*







D1



MTGC

Thermometers
Termometreler

Range / *Aralık*	: -70...50°C | 0...600°C
Dial Size / *Gösterge Çapı*	: 100, 160 mm
Connection / *Bağlantı*	: 1/2" Back or Bottom
Filling Liquid / *Dolgu Tipi*	: None, Liquid or Gas
Accuracy / *Hassasiyet*	: <±1% F.S.
Body and Covers / *Gövde ve Kapaklar*	: AISI316
Output / *Çıkış*	: 1 or 2 relay / *1 veya 2 kontak*
Display Glass / *Gösterge Camı*	: Safety Glass / *Güvenlikli Cam*

D2



MGSA

Gas Sensors
Gas Sensörleri

Measured Parameters	: O3, CO2, CO, O2, NH3, CH4, SO2 NO2, CH20, H2S, ETC
Supply / *Besleme*	: 10...30 VDC
Temp. / *Sıcaklık*	: -40...+80°C
Output / *Çıkış*	: 4-20 mA, RS485 MODBUS (on request)

D3



MTGS

Thermometer With Capillary Tube
Kapiler Borulu Termometreler

Range / *Aralık*	: -200...50°C | 0...600°C
Dial Size / *Gösterge Çapı*	: 100, 160 mm
Capillary Tube / *Kapiler Boru*	: 50m. max
Connection / *Bağlantı*	: 1/2"
Accuracy / *Hassasiyet*	: <±1% F.S.
Body and Bezels / *Gövde ve Kapaklar*	: AISI316
Output / *Çıkış*	: Two relay / *Çift Kontak*

D4



MTS600

Digital Thermometer
Dijital Termometreler

Range / *Aralık*	: -70...50°C | 0...600°C
Dial Size / *Gösterge Çapı*	: 100 mm
Connection / *Bağlantı*	: 1/2"
Accuracy / *Hassasiyet*	: <±1% F.S.
Body and Bezels / *Gövde ve Kapaklar*	: AISI316
Peak Value / *Tepe Değer*	: Yes / *Var*

D5



ETS300W - ETS3000X

Temperature Switch
Sıcaklık Şalteri

Range / *Aralık*	: -200...50 °C | 0...650 °C
Insertion Length / *Dalma Boyu*	: 5 cm...200 cm
Capillary Tube / *Kapiler Boru*	: 10 m max.
Connection / *Bağlantı*	: 1/2"
Wetted Parts / *Islak Kısımlar*	: AISI316
Output / *Çıkış*	: 1 or 2 relay / *1 veya 2 kontak*

D6



ONST

Temperature and Humidity Transmitter
Ortam Sıcaklık ve Nem Transmitteri

Range / *Aralık*	: -50...50 °C | 0...120 °C
Connection / *Bağlantı*	: Duct or Wall Mount / *Kanal veya Duvar Tip*
Supply / *Besleme*	: 10 ... 30 VDC
Accuracy / *Hassasiyet*	: **T** <±0,3°C **H** <±2,5% RH
Body / *Gövde*	: PC-AISI316
Output / *Çıkış*	: 2x4-20 mA (2x0...10V DC)
Communication / *İletişim*	: (on request RS485, MODBUS)

D7



TRT - RTD

RTD - Thermocouple
Rezistans Termometre ve Termokupllar

Output / *Çıkış*	: Pt-100, Pt-1000 - U,L,J,K,S,R,T,N,E,B
Enclosure / *Koruma*	: IP65, IP68
Connection / *Bağlantı*	: G1/4...1" - Dişli, Flanşlı
Body / *Gövde*	: SS
Ölçme / *Measurement*	: -200...0°C - 0...2320°C
Pmax	: 400 bar
Insertion Length / *Dalma Boyu*	: 200cm. max
Ölçme Metodu	: 2, 3 or 4wire (on request)

D8



SKTC

Temperature Transmitter
Sıcaklık Çeviriciler

Input / *Giriş*	: U, L, J, K, S, R, Pt-100, Pt-1000
Output / *Çıkış*	: 4...20 mA+HART, 0...10 V DC
Connection / *Bağlantı*	: Head or DIN rail mounted / Kafa veya ray tip
Accuracy / *Hassasiyet*	: <±0,1%
Communication / *İletişim*	: (on request RS485, MODBUS)

D9



MITS

Infrared Temperature Sensor
Kızıl Ötesi Sıcaklık Sensörü

Range / *Aralık*	: -30...100°C | -50...600°C
Output / *Çıkış*	: 4... 20 mA (on request RS485-MODBUS)
Supply / *Besleme*	: 10...24V DC
Accuracy / *Hassasiyet*	: <±1°C - <±1,5°C
Response Time / *Yanıt Süresi*	: 150 ms (95%)
Optical Resolution / *Optik Çözünürlük*	: 20:1

D10



MTS - MSTS

Electronic Temperature Switch
Elektronik Basınç Şalteri

Range / *Aralık*	: -40...100°C | 0...250°C
Pmax	: 40 bar (on request 100 bar)
Connection / *Bağlantı*	: 1/2" or other options on request
Body / *Gövde*	: AISI316, IP68
Output / *Çıkış*	: 4...20, 0...10VDC, NPN - PNP Relay
Accuracy / *Hassasiyet*	: <±0,5%
Supply / *Besleme*	: 18...36VDC
Display / *Gösterge*	: TFT

D11



MTT

Smart Temperature Transmitter
Smart Sıcaklık Transmitteri

Input / *Giriş*	: Universal
Connection / *Bağlantı*	: 1/2" - 1" threaded or flanged
Accuracy / *Hassasiyet*	: <±0,16 °C
Body / *Gövde*	: AISI316
Enclosure / *Koruma*	: IP67 veya/or Ex-proof
Output / *Çıkış*	: 4...20 mA+HART

D12



MDPT

Dew Point Transmitter
Çiğlenme Noktası Transmitteri

Range / *Aralık*	: -60...60°C Td (on request-100...80°C Td)
Supply / *Besleme*	: 8...30 VDC | 10...30 VAC
Tmax	: -40...120 °C
Enclosure / *Koruma*	: IP67
Connection / *Bağlantı*	: G1/2"
Body / *Gövde*	: AISI316
Output / *Çıkış*	: 4-20 mA, (on request RS485 MODBUS, 0...10VDC)

Analysis
Analiz

pH - ORP	*pH - ORP*
Conductivity	*İletkenlik*
Dissolved Oxygen	*Çözünmüş Oksijen*
Turbidity - TSS	*Bulanıklık - AKM*
Free Chlorine	*Bakiye Klor*
ISE Sensor and Indicator	*ISE Sensör ve Gösterge*
UV Based Analyzers	*UV Tabanlı Analizörler*
Others Analyzers	*Diğer Analizörler*







E1



ANPH

pH / ORP Electrode
Ph ve ORP Elektrodları

pH Range / *Aralık*	: 0...14 pH
ORP Range / *Aralık*	: ±2000 Mv
Pmax	: 6 bar (on request 20 bar)
Tmax	: 80°C (on request 130°C)
Body / *Gövde*	: Epoxy, Glass / *Cam*
Cable Lenght / *Kablo Boyu*	: 5, 9, 13 m.

E2



AGPH

pH / ORP Controller
pH / ORP Kontrol Cihazı

Display / *Gösterge*	: TFT graphic display / *TFT Grafik ekran*
Supply / *Besleme*	: 24 VAC/DC or 230VAC
Output / *Çıkış*	: 4...20 mA, RS485 MODBUS RTU, HART
Enclosure / *Koruma*	: IP65
Temp. Input / *Sıcaklık Ölçme*	: Yes / *Var*
Installation / *Montaj*	: Panel or Wall Mount / *Panel veya Duvar tip*

E3



AGEI

Conductivity Controller
İletkenlik Kontrol Cihazı

Display / *Gösterge*	: TFT graphic display / *TFT Grafik ekran*
Supply / *Besleme*	: 24 VAC/DC or 230VAC
Output / *Çıkış*	: 4...20 mA, RS485 MODBUS RTU, HART
Enclosure / *Koruma*	: IP65
Temp. Input / *Sıcaklık Ölçme*	: With Pt100
Installation / *Montaj*	: Panel or Wall Mount / *Panel veya Duvar tip*

E4



ECKS

Conductivity Sensor
İletkenlik Sensörü

Range / *Aralık*	: 0,055...2 µS | 0,5...200 mS
Cell Constant / *Hücre Sabiti*	: 0.01, 0.1, 0,2, 1.0, 10 cm^-1
Connection / *Bağlantı*	: 1/2", PG, 3/4"
Pmax	: 10, 20 bar
Tmax	: 80°C (on request 130°C)
Body / *Gövde*	: PP, AISI316
Electrodes / *Elektrot*	: AISI316

E5



SNFP

Dissolved Oxygen Transmitter
Çözünmüş Oksijen Sensörü

Range / *Aralık*	: 0...20 mg/l (on request 0...40 mg/l)
Pmax	: 1 bar (7 bar)
Tmax	: 70°C (on request 130°C)
Enclosure / *Koruma*	: IP68
Connection / *Bağlantı*	: 3/4" NPT / PG 13.5
Body / *Gövde*	: SS,PP AISI316

E6



AGDO

Dissolved Oxygen Controller
Çözünmüş Oksijen Kontrol Cihazı

Range / *Ölçme*	: 0...40 mg/l | 0...400% ppm
Display / *Gösterge*	: TFT graphic display / *TFT Grafik ekran*
Supply / *Besleme*	: 24 VAC/DC or 230VAC
Output / *Çıkış*	: 4...20 mA, RS485 MODBUS RTU, HART
Enclosure / *Koruma*	: IP65
Temp. Input / *Sıcaklık Ölçme*	: 0...100°C with Pt100
Installation / *Montaj*	: Panel or Wall Mount / *Panel veya Duvar tip*

E7



AGCP - SNCL

Residual Chlorine Controller & Sensor
Bakiye Klor Kontrol Cihazı & Sensörü

Range / *Ölçme*	: 0 - 2.000 | 0 - 20.00 mg/L
Supply / *Besleme*	: 24 VDC / 230VAC IP65
Output / *Çıkış*	: 4...20 mA, Relay
Communication / *İletişim*	: RS485 MODBUS RTU
Connection / *Bağlantı*	: 3/4"NPT or PG for sensor

E8



PCCA

pH Compensated Chlorine Analyzer
pH Kompanzasyonlu Bakiye Klor Analizörü

Range-Chlorine / *Aralık*	: 0,00...10,00 PPM
Range-Ph / *Aralık*	: 0,0...14,0 pH
Range-Temp. / *Aralık*	: 0...60 °C
Supply / *Besleme*	: 24 VDC (on request 230 VAC)
Output / *Çıkış*	: 2x4...20 mA,3 relay
Communication / *İletişim*	: RS485-MODBUS, RTU
Temperature / *Sıcaklık*	: -10...+55°C
Enclosure / *Koruma*	: IP66

E9



AMPS

Multi-Parameter Analysis Sensor
Çoklu Parametre Analiz Sensörü

Parameters	: pH, ORP, EC, DO, Turbidity, TSS Residual Chlorine, TDS
Sensor Quantity	: Five parameters in same time max.
Output / *Çıkış*	: RS485 MODBUS
Supply / *Besleme*	: 24 VDC
Enclosure / *Koruma*	: IP68
Cable Length	: Max 100m

E10



AGTB - ASAK

Total Suspended Solids & Turbidity Controller & Sensor
MLSS, TSS ve Bulanıklık Kontrol Cihazı & Sensörü

Range / *Ölçme*	: 0,01...10 | 1...4000 NTU
Range / *Ölçme*	: 2...20 - 50...5000 - 500...50000 mg/L
Supply / *Besleme*	: 24 VDC / 230VAC IP65
Output / *Çıkış*	: 4...20 mA, Relay
Communication / *İletişim*	: RS485 MODBUS RTU, HART
Enclosure / *Koruma*	: IP65
Display / *Gösterge*	: Full TFT touch graphic display / *Dokunmatik TFT Grafik ekran*

E11



ASCRF

Online Chlorophyll and Blue-Green ALG Controller & Sensor
Online Klorofil ve Mavi-Yeşil ALGEA Kontrol Cihazı & Sensörü

Range / *Ölçme*	: 100...300000 cells/mL
Supply / *Besleme*	: 24 VDC / 230VAC IP65
Output / *Çıkış*	: 4...20 mA, Relay
Communication / *İletişim*	: RS485 MODBUS RTU, HART
Enclosure / *Koruma*	: IP65
Sensor / *Sensör*	: AISI316L or Titanium alloy
Operating Temperature	: 0...45 °C
Display / *Gösterge*	: Full TFT touch graphic display / *Dokunmatik TFT Grafik ekran*

E12



ASTOC

COD, TOC, BOD Sensor and Controller
COD, TOC, BOD Kontrol Cihazı & Sensörü

COD Range / *Ölçme*	: 0,6...400 mg/L equivalent KPH
TOC Range / *Ölçme*	: 0,25...160 mg/L equivalent KPH
Supply / *Besleme*	: 24 VDC / 230VAC IP65
Output / *Çıkış*	: 4...20 mA, Relay
Communication / *İletişim*	: RS485 MODBUS RTU, HART
Enclosure / *Koruma*	: IP65
Display / *Gösterge*	: Full TFT touch graphic display / *Dokunmatik TFT Grafik ekran*

E13



ASIO

ION Selective Controller & Sensor
İYON Parametre Kontrol Cihazı & Sensörü

Measured Parameters	: Fluoride, Chloride, Ammonium, Ammonia Nitrate, Nitrite, Potassium, Magnesium, Calcium, Water Hardness, etc.
Supply / *Besleme*	: 24 VDC / 230VAC IP65
Output / *Çıkış*	: 4...20 mA, Relay
Communication / *İletişim*	: RS485 MODBUS RTU, HART
Enclosure / *Koruma*	: IP65

E14



BMCA

Multichannel Analyzer and Recorder
Çok Kanallı Analiz ve Kayıt Cihazı

Display / *Gösterge*	: 3,5" TFT Ekran
Supply / *Besleme*	: 19-50 VDC veya 85-260 VAC
Inlet / *Giriş*	: 4...20 mA/ 0 ... 10 VDC / RS485-MODBUS
Communication / *İletişim*	: RS485-MODBUS, USB, (on request Ethernet)
Memory / *Dahili Hafıza*	: 2 GB
Enclosure / *Koruma*	: IP65 Front Panel / IP65 Ön Panel

Up to 8 channels

E15



AVFD

Online Liquid Density Transmitter
Online Sıvı Yoğunluk Ölçer

Range / *Aralık*	: 500...2500 kg/m³
Connection / *Bağlantı*	: DN50 PN40 Flanged
Pmax	: -1...100 bar
Tmax	: -20...+150 °C
Output / *Çıkış*	: 4-20 mA and RS485
Wetted Parts / *Islak Kısımlar*	: AISI316, (opt. Hastelloy C)

E16



KTAC

Portable Liquid Analyzers
Portatif Sıvı Analizörleri

Measured Parameters	: Turbidity, Chlorine, pH, ORP, EC, DO
Supply / *Besleme*	: Battery Powered

E17



ASYAG

Oil in Water Analyzer
Suda Yağ Analizörü

Range / *Aralık*	: 0-50 ppm or 0-5000 ppb
Supply / *Besleme*	: 24 VDC
Tmax	: 0...50 °C
Enclosure / *Koruma*	: Sensor IP68 - Transmitter IP65
Accuracy / *Hassasiyet*	: <±3% F.S
Body / *Gövde*	: AISI316
Output / *Çıkış*	: 4-20 mA, RS485 MODBUS

E18



MMTO

Moisture in Oil Transmitter
Yağdaki Nem Transmitteri

Range / *Aralık*	: 0-1 aw or 0-100% RH
Supply / *Besleme*	: 24 VDC
Tmax	: -40...120 °C
Enclosure / *Koruma*	: IP67
Accuracy / *Hassasiyet*	: <±0,03 aw **T** <±0,3°C
Body / *Gövde*	: AISI316
Output / *Çıkış*	: 2x4...20mA, (on request RS485 MODBUS)

E19



GVFD

Gas Density Transmitter
Gaz Yoğunluk Transmitter

Range / *Aralık*	: 0,2...19 kg/m³
Supply / *Besleme*	: 4,5...12 VDC
Tmax	: -20...60 °C
Enclosure / *Koruma*	: IP67
Accuracy / *Hassasiyet*	: <±0,1 kg/m³
Body / *Gövde*	: AISI316L
Output / *Çıkış*	: RS485 MODBUS

E20



VVFD

Liquid Viscosity Transmitter
Sıvı Viskozite Transmitter

Range / *Aralık*	: 0,1...50 mPa s
Supply / *Besleme*	: 9...13 VDC
Tmax	: -40...60 °C
Enclosure / *Koruma*	: IP67
Accuracy / *Hassasiyet*	: <±5%
Body / *Gövde*	: AISI316L
Output / *Çıkış*	: RS485 MODBUS

Control Valves
Kontrol Vanaları

Electric Actuator Valves	*Elektrik Aktüatörlü Vanalar*
Pneumatic Actuator Valves	*Pnömatik Aktüatörlü Vanalar*
Diaphragm Valves	*Diyafram Vanalar*







F1



KEKV

Electric Actuated Ball Valves
Elektrik Aktüatörlü Küresel Vana

Connection / *Bağlantı*	: DN15...DN200 Threaded or Flanged
Tmax	: 120°C (on request 250°C)
Pmax	: 16 bar (on request 63 bar)
Body / *Gövde*	: AISI304, 316, Brass, PVC, PVDF
Supply / *Besleme*	: 24 VDC or 230 VAC
Control / *Kontrol*	: On-Off or modulating on 4-20 mA

F2



KEBV

Electric Actuated Butterfly Valve
Elektrik Aktüatörlü Kelebek Vana

Connection / *Bağlantı*	: DN50...DN2000 Wafer or Flanged
Tmax	: 60°C (on request 120°C)
Pmax	: 16 bar (on request 40 bar)
Body / *Gövde*	: CS, 316, Brass, PVC, PVDF
Supply / *Besleme*	: 24 VDC or 230 VAC
Control / *Kontrol*	: On-Off or modulating on 4-20 mA

F3



ESPV

Angle Seat Electric Actuated Valves
Elektrikli Aktüatörlü Pistonlu Vana

Connection / *Bağlantı*	: DN15...DN80 Threaded or Flanged
Tmax	: 120°C (on request 250°C)
Pmax	: 16 bar (on request 40 bar)
Body / *Gövde*	: CS, 316, Brass
Supply / *Besleme*	: 24 VDC or 230 VAC
Control / *Kontrol*	: On-Off or modulating on 4-20 mA

F4



ESGV

Electric Actuated Control Valves
Elektrik Aktüatörlü Glob Vana

Connection / *Bağlantı*	: DN15...DN300 Flanged
Tmax	: 200°C (on request 350°C)
Pmax	: 16 bar (on request 40 bar or 100 bar)
Body / *Gövde*	: CS, 316
Supply / *Besleme*	: 24 VDC or 230 VAC
Control / *Kontrol*	: On-Off or modulating on 4-20 mA

F5



KPKV

Pneumatic Actuated Ball Valve
Pnömatik Aktüatörlü Küresel Vana

Connection / *Bağlantı*	: DN15...DN200 Threaded or Flanged
Tmax	: 120°C (on request 250 °C)
Pmax	: 16 bar (on request 63 bar)
Body / *Gövde*	: AISI304, 316, Brass, PVC, PVDF
Supply / *Besleme*	: 5...8 bar compressed air
Control / *Kontrol*	: On-Off or modulating on 4-20 mA
Action	: Double acting or spring return

F6



KPBV

Pneumatic Actuated Butterfly Valve
Pnömatik Aktüatörlü Kelebek Vana

Connection / *Bağlantı*	: DN50...DN2000 Wafer or Flanged
Tmax	: 60°C (on request 120 °C)
Pmax	: 16 bar (on request 40 bar)
Body / *Gövde*	: CS, 316, Brass, PVC, PVDF
Supply / *Besleme*	: 5...8 bar compressed air
Control / *Kontrol*	: On-Off or modulating on 4-20 mA
Action	: Double acting or spring return

F7



KPDV

Pneumatic Actuated Discharge Valves
Pnömatik Aktüatörlü Tahliye Vanası

Connection / *Bağlantı*	: DN15...DN150 Flanged
Tmax	: 200°C (on request 350°C)
Pmax	: 16 bar (on request 40 bar or 100 bar)
Body / *Gövde*	: CS, 316
Supply / *Besleme*	: 1...2 bar compressed air
Control / *Kontrol*	: On-Off or modulating on 4-20 mA
Action	: Double acting or spring return

F8

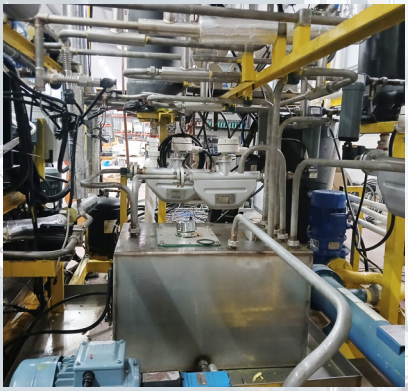


KPGV

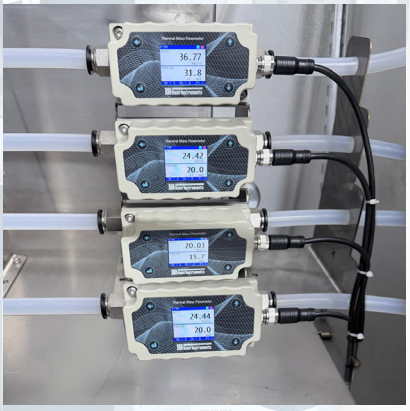
Pneumatic Actuated Globe Valves
Pnömatik Aktüatörlü Glob Vana

Connection / *Bağlantı*	: DN15...DN300 Flanged
Tmax	: 200°C (on request 350°C)
Pmax	: 16 bar (on request 40 bar or 100 bar)
Body / *Gövde*	: CS, 316
Supply / *Besleme*	: 1...2 bar compressed air
Control / *Kontrol*	: On-Off or modulating on 4-20 mA
Action	: Double acting or spring return





Bass Instruments



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