PRODUCT CATALOGUE

iCONIQ

S+R
SCHOPPER-RIEGLER
Re-defining Measurement

iCONIQ   PI Controls®   DURAG GROUP   S+R SCHOPPER-RIEGLER Re-defining Measurement

ICONIQ CONTROL PVT LTD.

We take pride in introducing ourselves as a reliable solution provider in field of Industrial Instrumentation and plant automation, we are manufacturer, authorized channel partner and service provider in industrial automation.

At Iconiq Control Pvt Ltd, innovation meets precision to transform the way industries manage instrumentation and automation systems. At Iconiq Control, we are dedicated to providing cutting-edge solutions that empower industries to optimize their operations, enhance efficiency and streamline control processes with sustainability. Our commitment to excellence, technological expertise, and a passion for delivering tailor-made solutions sets us apart as a leader in the field. We believe that every problem has a solution, and we're here to create the right solution for you. Iconiq Control Pvt Ltd. has rapidly grown to become a leading force in the world of instrumentation and automation technology. With a passion for staying ahead of the curve, we continuously strive to provide our clients with state-of-the-art solutions that empower their production and operations.

Why Choose Us

Innovation : We stay at the forefront of technological advancements to offer the most innovative solutions for your needs.

Quality : Our commitment to quality ensures that our control and automation systems are reliable and durable.

Customer-Centric : We put our customers at the center of everything we do. Your satisfaction is our priority.

Expertise : With a team of highly skilled professionals, we have the knowledge and experience to tackle diverse challenges.

Sustainability : We believe in responsible and sustainable solutions.

Industries we serve:

1. Power
2. Pulp & Paper
3. Cement
4. Pharmaceuticals
5. Food & Beverage
6. Steel & Minerals
7. Oil & Gas
8. Textile
9. Chemical & Fertilizer
10. Water & Waste Water
11. Research
12. Railways

INDEX

RESISTANCE TEMPERATURE DETECTOR

Connection	:	Fixed, Adjustable, Nipple, N-U-N, Flanged & Threaded
Accuracy	:	Class A, Class B
Element	:	Pt100, Pt500 & Pt1000
Sheath	:	Mineral Insulated Cable
Enclosure	:	Aluminium, SS with IP65, IP66, IP67, IP68, Ex-proof, Flameproof, ATEX

THERMOCOUPLE

Connection	:	Fixed, Adjustable, Nipple, N-U-N, Flanged & Threaded
Accuracy	:	Class 1
Element	:	J, K, T, E, N, R, S, U, B
Sheath	:	Mineral Insulated Cable
Sheath Material	:	SS 316, SS310, SS446, Inconel 600, Inconel 800
Enclosure	:	Aluminium, SS with IP65, IP66, IP67, IP68, Ex-proof, Flameproof, ATEX

THERMOWELL

Construction	:	Barstock, Fabricated
Connection	:	Threaded, Flanged, Sanitary etc.
Material	:	Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum

iCONIQ

BALL VALVE

Material	: SS304, SS316, SS316L etc.
Connection	: BSPP, NPT etc.
Pressure rating	: 1500 psi, 3000 psi & 6000 psi

NEEDLE VALVE

Type	: Isolation, Single Block & Bleed, Double Block & Bleed, Multiport
Connection	: BSPP, NPT etc.
Material	: Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum
Pressure	: 6000 psi, 10000 psi & 15000 psi etc.

MANIFOLDS

Type	: 2-WAY, 3-WAY, 4-WAY, 5-WAY, DISTRIBUTION
Connection	: BSPP, NPT, Coplanar etc.
Material	: Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum
Pressure	: 6000 psi, 10000 psi & 15000 psi etc.

MONOFLANGE

Type	: Single Block & Bleed, Double Block & Bleed
Connection	: Flanged as ANSI, EN etc.
Material	: Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum
Pressure Rating	: As per Flange size & rating

INSTRUMENTATION FITTINGS

Male Connector   Cross   Elbow   Tee   Union

STANDARD FULL SS PRESSURE GAUGE

Dial Size	: 40mm, 50mm, 63mm, 80mm, 100mm, 125mm, 150mm & 250mm
Ranges	: -1 to 0....0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards

SOLID FRONT FULL SS PRESSURE GAUGE

Dial Size	: 63mm, 100mm & 150mm
Ranges	: -1 to 0....0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards

LOW PRESSURE CAPSULE PRESSURE GAUGES

Dial Size	: 63mm, 100mm & 150mm
Ranges	: -6000mmWC to 0.......250mmWC to 6000mmWC
Wetted Parts	: SS 316
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards

LOW PRESSURE DIAPHRAGM PRESSURE GAUGES

Dial Size	: 100mm & 150mm
Ranges	: -1bar to 0.......250mmWC to 16bar
Wetted Parts	: SS 316, Monel & Hastelloy 'C-276'
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards

ELECTRIC CONTACT HI-CASE FULL SS PRESSURE GAUGE

Dial Size	: 100mm & 150mm
Ranges	: -1 to 0....0.6 to 2100 bar
Wetted Parts	: SS 316L & Monel
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 0.5, CL 1.0 & CL 1.6
Dampening Liquid	: Dry, Fillable & Filled
Standard followed	: EN837-1, ANSI B40.1, IS 3624 & other National / International Standards
Contact Type	: Magnetic Snap Action & ATEX Inductive Contact
No. of Contacts	: Single, Double & Triple Contacts for ON / OFF action

DIFFERENTIAL PRESSURE GAUGES – SINGLE & DOUBLE DIPHRAGM

Type	: Single & Double Diaphragm
Dial Size	: 100mm & 150mm
Ranges	: -6000mmWC to 0.......250mmWC to 16bar
Static Pressure	: 60 bar (Single Diaphragm) & 100bar (Double Diaphragm)
Wetted Parts	: SS 316, Monel & Hastelloy 'C-276'
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6& CL 2.5
Standard followed	: EN837-3 & other National / International Standards

DIFFERENTIAL PRESSURE GAUGES – PISTON OPERATED

Dial Size	: 63mm, 100mm & 150mm
Ranges	: 25mbar to 4bar
Static Pressure	: 200bar
Wetted Parts	: SS 316
Mounting	: Bottom, Back and with mounting bracket accessories
Accuracy	: CL 1.6 & CL 2.5

TEMPERATURE GAUGES

PI Controls®

BIMETAL TEMPERATURE GAUGE

Dial Size	:	63mm, 80mm, 100mm, 125mm&150mm
Ranges	:	-100°C to 0...50°C to 650°C
Stem Sizes	:	6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm
Mounting	:	Bottom, Back, Elbow & Every Angle
Accuracy	:	CL 1.0
Dampening Liquid	:	Dry, Fillable & Filled
Standard followed	:	EN13190 & other National / International Standards

INERT GAS FILLED TEMPERATURE GAUGE

Dial Size	:	100mm, 125mm & 150mm
Ranges	:	-100°C to 0...50°C to 650°C
Stem Sizes	:	6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm
Mounting	:	Bottom, Back,Every Angleand with mounting bracket accessories
Stem Mounting	:	With Capillary & without Capillary
Accuracy	:	CL 1.0
Dampening Liquid	:	Dry, Fillable & Filled
Standard followed	:	EN13190 & other National / International Standards

INERT GAS FILLED ELECTRIC CONTACT TEMPERATURE GAUGE

Dial Size	:	100mm, 125mm & 150mm
Ranges	:	-100°C to 0...50°C to 650°C
Stem Sizes	:	6.0mm, 6.35mm, 8.0mm, 9.5mm, 10mm & 12.0mm
Mounting	:	Bottom, Back, Every Angle and with mounting bracket accessories
Stem Mounting	:	With Capillary & without Capillary
Accuracy	:	CL 1.0
Dampening Liquid	:	Dry, Fillable & Filled
Standard followed	:	EN13190 & other National / International Standards
Contact Type	:	Magnetic Snap Action & ATEX Inductive Contact
No. of Contacts	:	Single, Double & Triple Contacts for ON / OFF action

DIAPHRAGM SEAL

Type	:	Insert Diaphragm, Flush Diaphragm, Extended Neck, I-Section
Connection	:	Threaded, Flanged as per ANSI or API and National / International Standard
Ranges	:	-1bar to 0....0.6 bar to 1000bar
Diaphragm	:	SS 316L, Monel, Inconel, Hastelloy 'C-276', PTFE,Titanium, Tantalum etc.
Flange/Connection	:	Alloy Steel, Stainless Steel, Duplex Steel, Nickel Alloys, Superalloys, Titanium, Tantalum

ACCESSORIES

SIPHON

Type	:	Coil, Pigtail(Q), U
Material	:	SS304, SS316, SS316L etc.
Connection	:	BSPP, NPT etc.
Pressure Rating	:	According pipe size & schedule

GAUGE SAVER

Type	:	Bellow, Piston
Range	:	0.6 bar to 400 bar
Material	:	SS304, SS316, SS316L, Monel, Hastelloy 'C-276' etc.
Connection	:	BSPP, NPT etc.
Pressure Rating	:	600 bar

Igniter

Model

Igniter

Model

Igniter

Model

Burner

Model

Gas fired igniter

Benefits

- Available in different sizes from 2 kW to 6 MW (according to NFPA classes 1, 2 or 3)
- Available with integrated ionization flame monitor and ignition transformer or burner control, thus no additional electrical installation and cabling effort
- Robust and easy to maintain: all electrical and mechanical components easily replaceable
- Gas burner for zone 1/21 and zone 2/22 available (ATEX and IECEx)
- Divisible solutions for large tube lengths available

Gas fired igniter

Benefits

- Self-aspirating gas fired igniter
- Capacity from 17 to 458 kW
- Integrated sparkplug(s) and ionisation electrode
- Standard diameter 38, 48,3 and 54 mm
- Special diameter 32 mm
- Self-aspirating, forced air supply or combination
- Insensitive for pressure fluctuations
- Explosion proof version (ATEX and IECEx)
- High energy ignition

Oil fired igniter/Dual fuel igniter

Benefits

- For the oil fired igniter: different sizes of 300 kW to 3600 kW available
- For the dual fuel igniter: Sizes: 400 kW (gas) and 1000 kW (oil) or 1000 KW (gas) and 1000 kW (oil) available
- Available with integrated ionization flame monitor and ignition transformer or burner control, thus no additional electrical installation and cabling effort
- Robust and easy to maintain: all electrical and mechanical components easily replaceable
- Gas burner for zone 1/21 and zone 2/22 available (ATEX and IECEx)
- Safety operation for different oil qualities
- Maintainability by compressed air operation

Gas burner

Benefits

- 4.5 MW available
- Different sizes from 15 kW to
- Available with integrated ionization flame monitor and ignition transformer or burner control, thus no additional electrical installation and cabling effort
- Robust and easy to maintain: all electrical and mechanical components easily replaceable
- Operation 1-stage, 2-stage or modulating
- Gas burner for zone 1/21 and zone 2/22 available (ATEX and IECEx)

Plasma ignition system

Model

Microwave plasma ignition system

Benefits

- Available with 1 kW and 3 kW heat release
- Plasma temperature: approx. 3500 °C
- Direct ignition of flame resistant fuels and dusty solid fuels such as coal and biomass dust
- Saving on installation costs (for new plants) and operating costs
- Low wearing of the plasma ignition tip -> low maintenance

D-HG 400

Model

High energy ignition device

Benefits

- Reliable ignition of gas and liquid fuels
- Compact set-up for directly mounted rigid ignition lance or connection over high voltage cable
- Ignition feedback signal via potential-free relay output
- Ignition power: 90 J/s
- Ignition energy/spark: 4.5 J
- Ignition frequency: 20 sparks/second

D-HG 500/550

Model

High energy ignition device

Benefits

- Reliable ignition of gas and liquid fuels
- Ideal for direct ignition of start-up oil burners in power plant boilers
- Microcontroller for side configuration and device analysis via interface
- Parametrable ignition frequency and ignition time to reduce wear and costs
- Ready for ignition and ignition feedback signal via potential-free relay output
- Ignition power: 5.6–112 J/s
- Ignition energy/spark: 5.6 J
- Ignition frequency: 1–20 sparks/second

SPI

Model

Ignition lances

Model

D-VE 5xx, P.R.U, R0L

Model

Sparkplugs

Model

Portable igniter

Benefits

- Compact and lightweight design for easy use
- Efficient design for one man operation
- Non-wearing electronic design for reliable operation
- Battery operated, no fixed power supply required
- LED-indication for battery status
- Spark energy: 2 J
- Spark frequency: 3 Sparks/s

Ignition lances

Benefits

- Standard diameter 12, 15, 17.2, 22, 25 and 26.7 mm
- Modular lance length till 15 meter
- Custom built solutions for reduced diameters and partible lances
- Flexible or angled ignition lances for tilting burners or direct spark ignition of flares
- Explosion proof cable connection

Retraction device

Benefits

- Precise and repeatable positioning of the ignition tip
- Safe retraction after successful ignition, to protect from damage due to high temperatures in the flame area
- Application specific stroke length
- Customized solenoid valves
- Special versions in stainless steel

Sparkplugs

Benefits

- Design according to specification and diameters from 7 to 25 mm
- Angled sparkplugs
- Standard temperature range till 600 °C, short term till 800 °C.
- High temperature version till 1000 °C
- Special sparkplugs for ignition of heavy oil and high pressure application

D-LE 603

Model

Flame sensor

Benefits

- Optical flame sensors for every spectral flame monitoring range from UV to IR: This allows the monitoring of flames from all fuels.
- Connection to the D-UG 120 control units, D-UG 660 control units as well as to the D-GF 150(-MB) burner controls
- Adjustable to many different combustion technologies
- Variants available for the common hazardous area (Ex-) certificates
- Variant available with double detector (UV and IR)

D-LE 703

Model

Flame sensor

Benefits

- Optical flame sensors for every spectral flame monitoring range from UV to IR: This allows the monitoring of flames from all fuels.
- Connection to the D-UG 120 control units, D-UG 660 control units as well as to the D-GF 150(-MB) burner controls
- Adjustable to many different combustion technologies
- Combination with fibre optic systems D-LL 703 and D-LL 704
- Functionality of electronics identical to D-LE 603

D-LL 70x

Model

Fibre optic systems

Benefits

- Flame monitoring a very high ambient temperatures (up to 350 °C w/o cooling)
- Flame monitoring of tilting burners or without direct optical view
- Flame monitoring for applications with strong vibrations or busy burner plates
- Long life time due to large number of fibres in the bundle
- Absolutely reproducible positioning and alignment after cleaning of optics
- Different Versions for a wide variety of applications
- Lengths of 20 m and more possible
- Different flame sensors/monitors can be used w/o change
- Fibre optic system not part of flame monitors Ex-certificate

D-LX 100

Model

Compact flame monitor

Benefits

- Compact setup, flame sensor and control unit in one housing
- Versatile detection
- LED display for settings and operational status
- Suitable for intermittent operation as well as continuous operation
- Confirmed for operation up to SIL3

D-LX 110/710

Model

Compact flame monitor

Benefits

- For ambient temperatures from –40 °C up to +75/70 °C, certified and without need for accessories
- Variants for common Ex approvals available, also in combination with fibre optic systems
- LED display for settings and operational status, visible for all versions at a single glance
- Suitable for intermittent operation as well as continuous operation
- Flame relay output as changeover relay (SPDT, 1 x NO, 1 x NC)
- Confirmed for operation up to SIL3

D-LX 201/721

Model

Compact flame monitor

Benefits

- For ambient temperatures from –40 °C up to +85 °C, certified and without need for accessories
- Wide sensitivity range
- Ideal support for Functional Safety up to SIL3
- Wide range of certifications and standards covered
- Suitable for intermittent operation as well as continuous operation
- Highest safety combined with highest availability through two channel design
- Selective monitoring even with a large number of burners by the advanced digital filtering
- Load/fuel flexibiltiy of plant
- Local display for status and flame intensity
- Optional flame stability analysis in real time

AAC 76, AAL 76

Model

Ionisation flame monitor

Benefits

- Effective and undisturbed monitoring of the flame by ionisation
- National and international approvals available
- Optional available with flame signal converter 4…20 mA and bargraph display
- Temporary acquisition of the µA signal for simplified adjustment of operating pressures of igniter/burner

D-GT 800

Model

Flame sensor

Benefits

- Optical flame sensor for the operation at very high ambient temperatures (w/o cooling 120 °C, with cooling up to 300 °C)
- Applicable for high combustion chamber overpressure up to 30 bar
- High vibration resistance
- Connection to the D-UG 120 control units, D-UG 660 control units as well as to the D-GF 150(-M8) burner controls
- Alternatively with or without cooling jacket
- Variants with Ex-certification available

D-LE 103

Model

Flame sensor

Benefits

- Optical flame sensors for every spectral flame monitoring range from UV to IR: This allows the monitoring of flames from all fuels
- Connection to the D-UG 120 control units, D-UG 660 control units as well as to the D-GF 150(-MB) burner controls
- Small space requirements at the burner plate

D-UG 660

Model

Control unit

Benefits

- Suitable for intermittent operation as well as continuous operation
- Optional parallel operation of two flame sensors in any combination: UV/UV, UV/IR or IR/IR
- Three different settings supported for various operation modes
- Plain text display
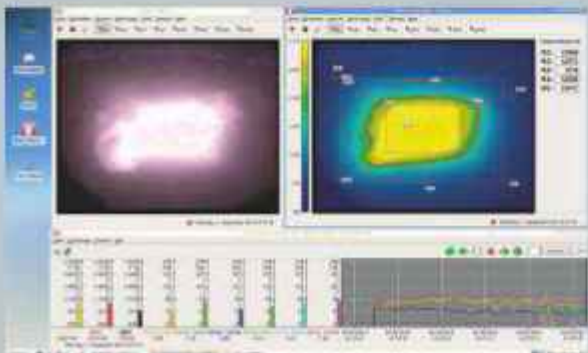
D-FS 50

Model

D-FS2

Model

D-VTA 200

Model

Furnace camera

Benefits

- Brilliant live images
- Wide view inside the combustion chamber
- Digital colour camera 1280 x 960p
- Air or water cooled for up to 2000 °C in the combustion chamber
- Temperature monitoring with PT100
- Length up to 1500mm (60")
- Can be combined with the D-VT 50 and the D-VTA 200 software systems

Furnace sensor

Benefits

- Camera outside the combustion chamber
- Special endoscope with high optical resolution
- Straight oriented and elbowed versions available
- Air or water cooled for up to 2000 °C in the combustion chamber
- Different digital cameras (e. g. 1280 x 960)
- Also available as IR version
- Can be combined with the D-VT 50 and the D-VTA 200 software systems
- Can optionally be combined with retraction unit and sensor control unit

Video and thermography system

Benefits

- 19" industrial PC with Thermography and Analysis software
- Displays the live video and temperature distribution out of the combustion chamber
- Freely definable ROIs for temperature measurement
- Modular software design, connection of up to 8 Furnace Cameras
- Video- and data recording to HDD
- Historical trend and alarm display
- Expandable with application specific software modules

DURAG GROUP

D-R 220

Model

Dust/opacity measurement

Benefits

- Continuous and contactless measurement of opacity and dust concentration
- Ideal for medium to large dust concentrations
- Automatic zero and reference point check
- TUV Approved certificate

D-R 290

Model

Dust/opacity measurement

Benefits

- Continuous and contactless measurement of opacity and dust concentration
- Ideal for medium to large dust concentrations
- Automatic zero and reference point check
- Automatic contamination check and correction
- QAL1 certified according to EN 15267
- Compliant with US EPA PS 1 and ASTM 6216

D-R 320

Model

Dust measurement

Benefits

- Continuous and contactless measurement of dust concentration
- Ideal for small to medium dust concentrations
- One-sided installation without optical alignment
- Automatic zero and reference point check
- Automatic contamination check and correction
- QAL1 certified according to EN 15267 and compliant with US EPA PS 11

D-R 808

Model

Dust measurement

Benefits

- Continuous measurement of dust concentration
- Ideal for small to medium dust concentrations
- One-sided installation without optical alignment
- Automatic zero and reference point check
- Automatic contamination check and correction
- QAL1 certified according to EN 15267, compliant with US-EPA PS 11

HM-1400 TRX 2

Model

Mercury analysis

Benefits

- Continuous mercury measurement
- Measuring principle allows specification of elemental and oxidised mercury
- Automatic reference point check with internal HgCl2 calibration gas generator
- No extremely heated components, easy to maintain
- QAL1 certified according to EN 15267

11-D

Model

Portable Aerosol Spectrometer

Benefits	Applications

Benefits
- 31 size channels, equidistant
- Particle size range 0.25–35 µm
- TSP, PM_{10}, PM_4, $PM_{2.5}$, PM_1 PMcoarse, inhalable, thoracic, respirable
- Counts and Mass
- Built-in filter for gravimetric analysis
- Real-time and portable
- Advanced software

Applications
- Aerosol science
- PM monitoring
- Indoor air quality (IAQ)
- Workplace monitoring
- Process control in industry

EDM 180

Model

APPROVED PM MONITOR

Benefits	Applications

Benefits
- Certificates and approvals: US-EPA, UK-MCERTS, CN-CMA
- Demonstration of equivalence in over 20 countries
- Real-time monitoring of PM values (PM10, PM2.5, PM1) and particle number*Full flow analysis* of the entire sample volume

Applications
- AMS for PM networks
- PM monitoring
- Epidemiological studies
- Monitoring of construction and mining sites

EDM 280

Model

Environmental Dust Monitor For Pm Monitoring In Ambient Air

Benefits	Applications

Benefits
- Suitable for PM monitoring under any environmental conditions and at all sites (traffic, urban, background, maritime, mountain and others)
- Robust design, energy efficient and lowest running costs
- Low maintenance due to internal particle -free purge-air circuit to protect the optical components
- Fits in all existing EDM (180, 180+) installations Stand-alone option with fully air-conditioned weather protection housing (construction site monitoring, port facilities, etc.)

Applications
- Approved immission measuring device for particulate matter PM10 and PM2.5 in air monitoring networks
- Source apportionment with high time resolution for air pollution control strategies
- Insensitive to vibrations, therefore also suitable for installation in measuring vehicles

T/VIS-TR
VISIBILTY MONITORING SYSTEM
Visibility measuring system according to the transmission principle, specially developed for the requirements in tunnels. The measuring range for the analog signal is freely assignable.

T/FL-US
AIR FLOW MONITORING SYSTEM
Accurate ultrasonic air flow measuring system based on different transition times of ultrasonic pulses. Reliably measures the average air flow over the whole tunnel cross section.

T/LUM
LUMINANCE METER
Photometer to measure the luminance in the access zone, threshold zone and interior zone of tunnels. Includes a zoom lens to adjust the focus areas.

T/FL-DP
AIR FLOW MONITORING SYSTEM
Robust air flow monitoring system based on high-precision differential pressure measurement. Specifically designed for tunnels.

SMART/AQM
AIR QUALITY MONITOR
IoT-enabled visibility and gas sensor for use in tunnels. The visibility measurement is based on the scattered light principle, the gas measurement is performed with up to 3 electrochemical cells.

SMART/ECS
GAS SENSOR
IoT-enabled gas sensor for electrochemical measurement of gas concentration with up to four gas sensors modules. Specifically designed for application in tunnels.

Valves Product Range:

Solenoid Valves – • **2 Way** • **3 Way** • **5 Way** • **Namur Valves**

Ball Valves : Sizes– 1/4 " to 20" • • Body Material– WCB/CF8/CF8M/MS • • Pressure Range – Upto 20 Bar • Seal Material– PTFE, Teflon, CFT, GFT, Metal Seated etc

Butterfly Valves: Sizes– 1/2 " to 20" • • Body Material– WCB/CF8/CF8M/MS • Disc Material: SS304, SS316, SGI, Teflon Coated/ Rubber Line • • Pressure Range – Upto 20 Bar • • Seal Material– PTFE, Teflon, EPDM, Silicon, Viton etc

Knife Gate Valves: Size: 6mm to 300mm (1/4" to 12") • • Body & End Piece: Cast Steel, Stainless Steel etc • Ratings: 150# to 600# equivalent in BS10 , DIN etc • • Seat Material: PTFE, Teflon, CFT, GFT, Metal Seated etc.

Pneumatic Cylinders : • Size: Bore upto 500MM & Stroke upto 3000MM **•** Barrel: Stainless Steel **•** Piston Rod: En-8 with hard chrome plated **•** Piston Rod Dia: 25 MM to 70MM **•** Top/End Cover: Cast Iron **•** Seals: Nitrile, Viton–only for high temp.

Pneumatic Panels : • Weatherproof **•** Flameproof **•** Customised

Positioners : • Pneumatic – Pneumatic **•** Electro-Pneumatic **•** Smart Type

Limit Switch Box : • Weather Proof **•** Flame Proof **•** Aluminium/SS