



Honeywell

**krom
schroder**

MAXON

ECLIPSE

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Our Key Products Include

- ✕ **IR and UV Flame detectors.**
- ✕ **Flame switches and Burner sequence controllers.**
- ✕ **Modutrol Motor and actuators.**
- ✕ **UGV [Universal Gas Valves] & Gas Train Components.**
- ✕ **Adjustable port valves.**
- ✕ **Gas pressure switches.**
- ✕ **Ignition Transformers.**
- ✕ **Pressuretrol Proportional pressure Controllers.**
- ✕ **Satronic Burner Controls and Components.**
- ✕ **Gas Flow Meter**
- ✕ **Butterfly Valve**
- ✕ **Burners**
- ✕ **Pilot Burners**
- ✕ **Pressure Measurement**
- ✕ **Temperature Measurement**
- ✕ **Level Measurement**
- ✕ **Flow Meters**
- ✕ **Analytical Instruments**
- ✕ **Controllers**
- ✕ **Programmers & Indicators**
- ✕ **Recorders and Data Acquisition**

Industrial Flame Detectors

U2 Integrated Flame Detectors

The U2 all-in-one Viewing Head with integrated signal processor delivers flame discrimination in to toughest environments. With automatic setup and the ability to monitor UV and IR flames simultaneously or separately, the all-in-one flame scanner offers improved burner up time and reliability.

Application:

- Industrial process burners
- Multiple burner system

Features:

1. Protection class: NEMA 4x, IP66 Class 1, Div 1 / 2, IIC, T6 (approved by IECEx and CCoE).
2. Immune to X-Rays and Gamma radiation, making them ideal for critical applications.
3. U2 performs background pulse counting for UV tube health and therefore doesn't need a mechanical shutter system for self-checking.
4. Outputs: Flame Relay (Contact Output), Fault Relay (Contact Output) and 4-20mA (Current Output).



U2-1010-PF



S702 / 6 Flame Detectors



700 Series Processor

Flame Detectors / Switches

Flame Detectors



C7027/35

Model C7027/35 is a compact flame detector used in flame safeguard controls and compatible flame amplifier.

Flame Switches



R4343

Model R4343 performs flame detection function only. R4343D and R4343E are switches, when used with the appropriate sensors, can signal the presence or absence of flame.



BC1000

The BC1000 series is a flame switch for intermittent operation to indicate presence or absence of a flame and to be applied in commercial or industrial burner installations. It can also be used as a primary control for manually operated burner systems using a start/stop station.

Burner Controller



- DBC2000 series microprocessor based controllers, are used to control and monitor gas and oil burners for on/off or modulating control.
- TBC1800 is a high-performance burner controller which is designed for pulse firing and modulating burner applications. TBC1C00 has capability of providing fast on/off or low/high firing.
- DBC2000 and TBC1800 are suitable for use with both, Flame Rod and UV flame detectors (C7027, C7035, C7044).

Ignition Transformers

ET401/2

ET401 has single high voltage output pin connection, suitable for use with gas burners.

ET402 has double high voltage output pin connections, suitable for use with oil, gas and dual fuel burners.



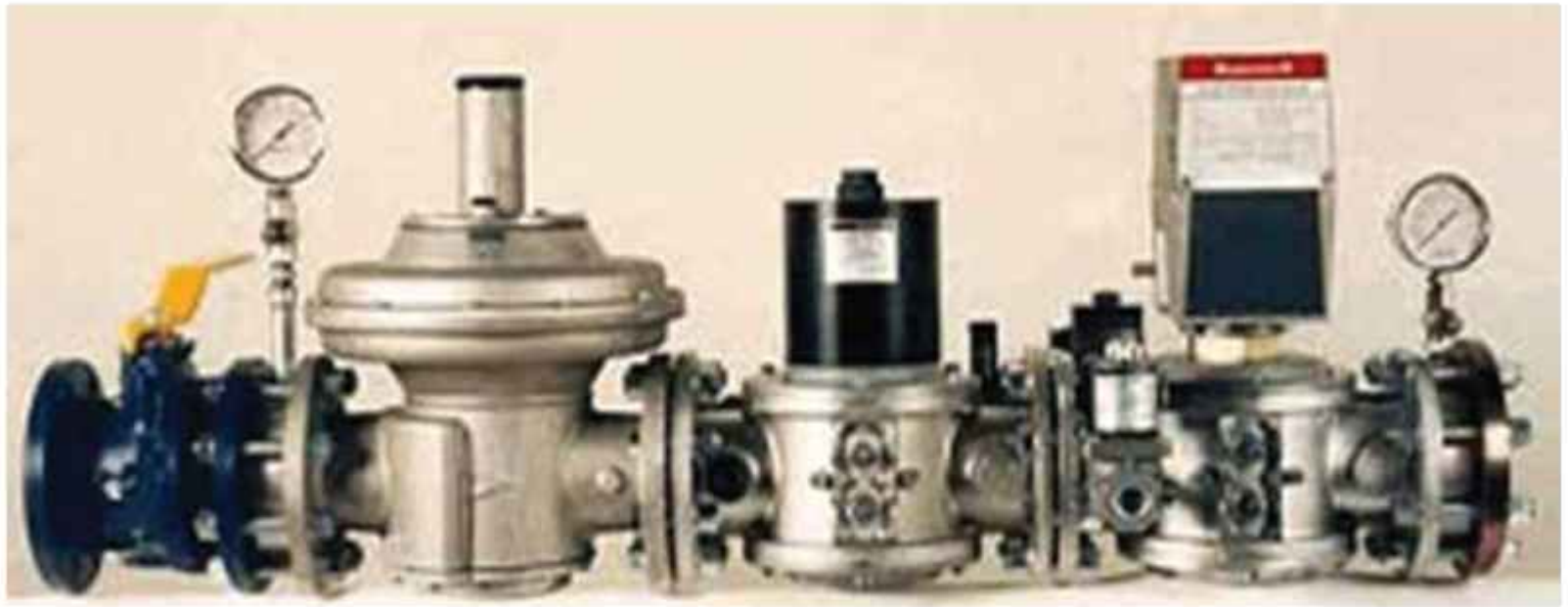
Spark Ignition Module

S87

Compact flame switches with built in spark generator (Ignition Transformer). Used with Ionisation rods/unirod. Operates on a 24Vac power supply. Switches on valve, ignites spark, reattempts ignition in case of flame failure. Optional 30 seconds, Pre purging time. Typically suitable for smaller batch type furnaces, Ovens, Powder coating and surface treatment ovens. Cost effective



Gas Train



Gas Air Pressure Switches



C6097

These are safety devices used in positive pressure or differential pressure system to sense gas or air pressure.

C6097 Standard range

• 1-10 mbar • 2.5-50 mbar • 30-150 mbar • 100-500 mbar

Safety Shutoff Gas Valves

AC solenoid gas valve, normally closed, Class "A" AC powered, Safety Shutoff Solenoid Gas Valve with threaded connections. For pilot and small burner applications in gas power burners, gas boiler, ovens, furnaces and other applications.

Gas Valve type - AC powered, non regulated ON/OFF normally closed, fast opening

Media - natural gas, propane, air



VE400AA

Fema Pressure Switches



DCM/DNM

This universal pressure switch can be used in general mechanical engineering and printing machine industry, pneumatics and hydraulics.

Medium: Liquid and Gases,

Pressure range: 400mbar – 63bar, suitable for SIL 2 according ICE 61508-2

Gas Train Components

Gas Filters

HUF

These are Gas Filters (HUF) Sizes: upto 2" are available in threaded version and sizes from 2½" upto 4" in flange versions



Slam Shut Off Valve



The Slam Shut Off Valve are safety devices normally open type. The automatic mechanism is triggered once the shut off plenum detects an inlet pressure greater than the calibration value, it releases the closure device which stops the gas flow.

Gas Pressure Regulator

Gas Pressure Regulator (ST4B) are available with maximum inlet of 4 bar and outlet from 10 - 450mbar.



Relief Valve



The relief valves are normally closed. The valves open as the inlet pressure rises above the calibration value. The valves close automatically when the pressure returns below the calibration value.

Air Gas Ratio Regulators / Zero Gas Governor

- For maintaining constant gas/air ratios
- Cross-connected operation with modulating or high-low control of nozzle mix burners



Actuators

Modutrol Motors

Modutrol IV Motors provide following features :

Dual shaft/Nema 3 housing / Higher holding torques / Improved spring return holding torque/Reduced power consumption. Add on features available: Diff Voltage models with field addable Transformer / Diff strokes, timings and control inputs [On/Off, SPDT Floating / Modulating], Diff Torque ratings as per application.



OM Series Actuator

The OM series is equipped with standard on-off or modulating (4~20mA, 1~5V, or 0(2) ~10V select by DIP-switch) control quarter-turn electric actuator. Torque Range: 35- 3500Nm

The OM series can also provide feedback output signal:

Dry contact for On-Off version;

0~5V, 0~10V, 4~20mA (selected by DIP- switch) for modulating version, Auxiliary Switch is optional.

Butterfly Gas / Air Valve

V51E

V51E Butterfly gas/air valve provides modulating control of natural, manufactured, LP gases or air. Modutrol Motor can be fitted directly on the valve with proper linkages.



Pressuretrol Controllers

L91

Provides modulating pressure operating control for regulation of liquid or air and other non corrosive gases.

Use with steam, air, non combustible gases or other fluids non corrosive to the brass or phos-bronze (300 psi model) bellows.

Siphon loop included with the models for 10 to 300 psi ranges.



Satronic Burner Controls

TMO

For 1 or 2 stage oil burners with a capacity of over 30 kg/hr in intermittent operation.

Compatible flame detector:

- Photo resistor
- Infrared flicker detector



TFI/MMI/MMG/TMG/DKG/DMG/DLG

For 1 or 2 stage gas burners.

Compatible flame detectors:

- Ionization probe
- Infrared flicker detector



IRD/MZ/UVZ

Flame detectors IR type, Photo Resistor type and UV type to be used with Satronic Burner Controllers.

Servomotors



LKS 120/131

For 1 or 2 stage oil and gas burners with or without fully closing damper.

Combination Gas Valves

VQ400

Combination gas valve without pressure regulation, Class "A" Combination Gas Valve.

For control and regulation of gaseous fluids in gas power burners, ovens, furnaces and other gas consuming appliances.

Gas valve type - 2 safety shutoff valves in series

Media - natural gas, propane, air.



UV SENSOR :



UVS 10

Application : For monitoring gas burners of unlimited capacity with or without fan, on hot-air furnaces, gas-fired boilers, industrial furnaces and excess-gas flaring installations in conjunction with Elster Kromschroder burner control units and automatic burner control units.

The UV sensor monitors the gas burners in intermittent operation.

The burners can either be ignited directly or operated as pilot and main burners.

BURNER CONTROLS-UV DETECTORS, SQ. CONTROLS :



IFD 258



BGT



PFU 780



DETECTOR

Application : Automatic burner control unit IFD 258 ignites and monitors directly ignited industrial gas burners of unlimited capacity. As a result of its fully electronic design it reacts quickly to various process requirements and is therefore also suitable for frequent cycling operation. It can be used for atmospheric burners or forced draught burners in multiple burner applications, where a central control system is used for prepurge and for monitoring. The burners may be modulating or stage controlled.

PRESSURE SWITCHES :



DG



DL

Application : Field of application in acc. with EN 1854. For gas, air and fumes. Switching ranges from 0.4 to 500 mbar, see table specifications. The pressure switches DG can also be used as special-design pressure switches as defined by VdTÜV Code of Practice "Druck 100/1" (Pressure 100/1) for applications in gas fired installations for steam and hot water generators in acc. with TRD 604.

IGNITION TRANSFORMER :



TGI



TZI

Application : Ignition transformers for high-voltage ignition of gas burners and gas ignited or directly ignited oil burners. Can also be used on burners on which only one electrode is available for ignition and monitoring.

SOLENOID VALVE FOR GAS :



VAS



VCS

Application : Solenoid valves for gas VAS and double solenoid valves VCS for safeguarding and controlling the air and gas supply to gas burners and gas appliances. For use in gas control and safety systems in all sectors of the iron, steel, glass and ceramics industries, also in commercial heat generation, such as the packaging, paper and foodstuffs industries.

PRESSURE REDUCING REGULATOR :



VGBF...F



VGBF...R

Application : Pressure regulator for gaseous media, to be fitted to all types of gas consuming Appliances EC type-tested and certified Design incorporating inlet pressure compensation diaphragm ensures high control accuracy Optimum dimensioning allows high throughput A purge line is not required VGBF 05 with internal feedback facilitates installation.

SAFETY SHUT-OFF VALVE :



JSAV 40



JSAV 50

Application : JSAV is used for the protection against high pressure for all valves connected downstream of a gas regulator. The gas supply is shut off if the downstream pressure exceeds spring set point of over pressure shut off valve.

SAFETY RELIEF VALVE :



VSBV

Application : VSBV is a safety relief valve designed to reduce temporary pressure surges downstream of the pressure reducing regulator caused by fluctuations in system operation.

MOTORIZED VALVE FOR GAS (VK) :



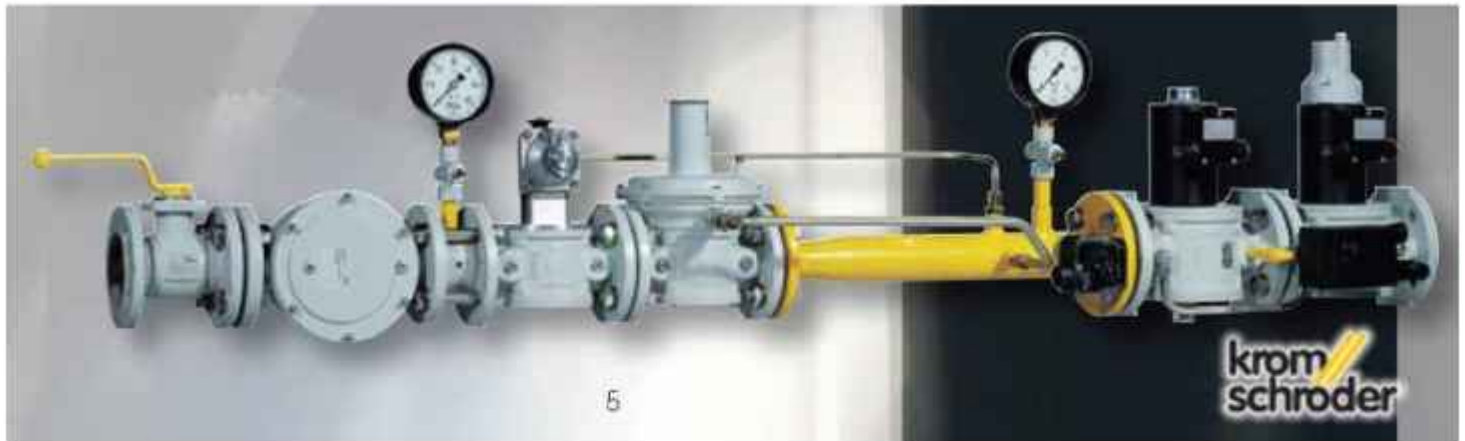
VK...F



VK...R

Application : For safeguarding, controlling and regulating the gas and air flow to gas burners and devices, including two-step operation.

GAS TRAIN SYSTEM :



GAS TRAIN

AIR/GAS RATIO CONTROL :



GIK

Application : The air/gas ratio controls GIK serve to maintain a constant AIR/GAS ratio and to regulate the gas pressure upstream of gas burners on installations without preheated combustion air. GIK for continuous control (Fig.), GIK.B with bypass for high/low/off control. Zero-pressure regulation with conversion kit.

SERVO MOTOR :



(GT 50)

Application : Gear motor GT is ideal for all applications requiring precise and controlled rotary movements between 0 and 90° or 0 and 160°, e.g. actuation of butterfly valves, control fittings, air and flue gas throttles, etc. For modulating processes, GT 31 or GT 50 with three-point step control is used as standard. The GT..E with continuous signal actuation (e.g. 0 to 20 mA) can also be used. This gear motor has an electronic positioning control for added positioning accuracy. The two-step GT..R can be used for on/off or high/low burner control. The GT 31 is suitable for applications up to 3 Nm. Gear motor GT 50 can be used for higher torques up to 20 NM.

LINEAR FLOW CONTROL AND WITH ACTUATOR :



LFC



IFC (LINEAR FLOW METER WITH ACTUATOR)

Application : The linear flow control LFC is designed to adjust volumes of gas and cold air on various appliances. It is designed for control ratios up to 1:25, and with the mounted actuator IC 20 or IC 40 it is suitable for regulating flow rates for modulating or stagecontrolled combustion processes

GAS FLOW METER :



DM R



DM Z



DE Z

Application : For measuring gas and air quantities (DM, DE) and the current throughput (DE). Typical applications include secondary measurement of the consumption in industrial installations, laboratories and test stands. In particular for monitoring and setting up of burners in gas appliances. In production and heating processes, the unit can be used to monitor the gas through put and thus optimize energy usage. DM can be used in explosion hazard areas

BUTTERFLY VALVE :



DKR...F



DKR...H

Application : Butterfly valve DKR is designed to adjust volumes of hot air and flue gas on various appliances and flue gas lines. It is designed for control ratios up to 1:10, and with the mounted gear motor GT 50 it is suitable for regulating flow rates for modulating or stage-controlled combustion processes. On butterfly valve DKR..H, flow rates can be set and fixed using a lever, for example to limit the high-fire rate on the burner. A scale indicates the set angle of opening.

BURNERS :



BIC



BIO

Application : On industrial furnaces and kilns and gas fired installations in the iron and steel industry, in the precious-metals, nonferrous metals and light-alloys sector, in the glass, heavy-clay and fine-ceramics, pottery or enamel industry, in the ore, rock and soil sector or for the plastics, fabric material or paper industry, on thermal afterburning plants and on dryers and hot air generators.

PILOT BURNERS :



ZAI



ZMI



ZKIH

Application : For the safe ignition and flame protection of atmospheric burners in conjunction with our automatic burner controls IFS . . and PFS

Universal Digital Controllers



Universal Digital Controllers	DC 1000	UDC 1200
Product Description	DC 1000 family of microprocessor based controllers combine a high degree of functionality and reliability at a very low price in 4 different DIN sizes.	The UDC 1200 provides a high degree of functionality and reliability in a small format (1/16 DIN) at a very low price. A limit control model is also available.
Front Face Format	48 x 48 mm (1.89 x 1.89 in) 48 x 96 mm (1.89 x 3.78 in) 72 x 72 mm (2.83 x 2.83 in) 96 x 96 mm (3.78 x 3.78 in)	48 x 48 mm (1.89 x 1.89 in)
Analog Inputs	1 or 2	1
Input Signal Types	Thermocouples, RTDs, mV, V, mA	Thermocouples, RTDs, mV, V, mA
Digital Inputs	N/A	1
Analog Outputs	Up to 2	Up to 3
Digital Outputs Control	Up to 2	Up to 2
Digital Outputs Alarm	Up to 3	Up to 2
Accuracy (at ref. cond.)	±0.2% of F.S.	±0.1% of span
Loops	1	1
Networking	RS232 or RS485 ASCII	RS485 ASCII or Modbus



Universal Digital Controllers	UDC 1700	UDC 2500	UDC 3200	UDC 3500
Product Description	The UDC 1700 is a 1/8 DIN microprocessor based controller. It provides high quality and performance at low cost.	The UDC 2500 is a low-cost digital controller providing multi-language prompts (FR, EN, GE, IT, SP) and code for unmatched operating simplicity.	The UDC 3200 is a 1/4 DIN general purpose digital controller offering a high degree of functionality and operating simplicity.	The UDC 3500 with dual loop and math capability is ideal for process applications.
Front Face Format	48 x 96 mm (1.89 x 3.78 in)	96 x 96 mm (3.78 x 3.78 in)	96 x 96 mm (3.78 x 3.78 in)	96 x 96 mm (3.78 x 3.78 in)
Analog Inputs	1	1 high level, 1 universal	2 universal	4 high levels, 1 universal
Input Signal Types	Thermocouples, RTDs, mV, V, mA	Thermocouples, RTDs, mV, V, mA, RH, Radiamatic	Thermocouples, RTDs, mV, V, mA, RH, Radiamatic, carbon, oxygen	Thermocouples, RTDs, mV, V, mA, RH, Radiamatic, carbon, oxygen
Digital Inputs	1	2	2	4
Analog Outputs	Up to 3	2 (4 to 20 mA)	2 (4 to 20 mA)	3 (4 to 20 mA)
Digital Outputs Control	Up to 2	Up to 2	Up to 2	Up to 4
Digital Outputs Alarm	Up to 2	Up to 2	Up to 2	Up to 4
Accuracy (at ref. cond.)	±0.1% of span	±0.25% of span	±0.2% of span	±0.10% of span
Loops	1	1	1	2
Networking	RS485 ASCII or Modbus	Ethernet or Modbus RTU	Ethernet or Modbus RTU	Ethernet or Modbus RTU
Infrared Port	Yes	Yes	Yes	Yes

Universal Digital Controllers



Digital Controller Programmer	DCP 50	DCP 250
Product Description	The low-cost DCP 50 is ideal for set point programming applications where space is at a premium.	1/4 DIN format, a graphic/text LCD display is an affordable temperature and process controller with advanced functionality including profiling and datalogging options
Front Face Format	48 x 48 mm (1.89 x 1.89 in)	96 x 96 mm (3.78 x 3.78 in)
Programs	4	64
Segments Per Program	16	255
Analog Inputs	1	2
Digital Inputs	1	2
Analog Outputs	Up to 3	Up to 3
Digital Outputs	Up to 2	7
Accuracy (at ref. cond.)	±0.25% of span	0.1%
Loops	1	1 or 2
PID Group	1	5
Networking	RS485 Modbus	RS232, RS485, Ethernet

Paperless Recorders and Data Acquisition



Paperless Recorders	eZtrend	MiniTrend	MultiTrend	DR Graphic
Displays	145 mm (5.7 in) Color LCD (Active TFT) QVGA	145 mm (5.7 in) Color LCD (Active TFT) VGA	307 mm (12.1 in) Color LCD (Active TFT) XGA	307 mm (12.1 in) Color LCD (Active TFT) XGA
Analog Inputs	Up to 12	Up to 16	Up to 48	Up to 16
Data Storage	SD card / USB memory key	SD card / USB memory key	SD card / USB memory key	SD card / USB memory key
Sample Rate	100/200/500ms	20 ms (linear input)* / 100 ms	20 ms (linear input) / 100 ms	20 ms (linear input) / 100 ms
Digital I/O	Up to 8DI/8DO	Up to 16DI/16DO	Up to 48DI/48DO	Up to 16DI/16DO
Networking	Ethernet	Ethernet / RS485	Ethernet / RS485	Ethernet / RS485
Math Functions/ Math Scripts	Yes/No	Yes/Yes	Yes/Yes	Yes/Yes
Reference Accuracy	0.1% Typical-T/C	0.1% Typical-TC	0.1% Typical-TC	0.1% Typical-TC
Configuration	PC or front panel	PC or front panel	PC or front panel	PC or front panel
Remote Viewing	Yes	Yes	Yes	Yes

SmartLine Pressure Transmitters

ST 800 Pressure

Honeywell's highest performance full featured pressure offering.

- Suitable for critical process control loops, custody transfer and SIL2 safety
- Industry leading stability up to 0.01% span per year for ten years
- Accuracy up to 0.0375% of span standard and 0.025% span optional
- Wide range of materials and measurement spans
- Turndown ratios up to 400:1
- Available lifetime warranty

ST 700 Pressure

Smart performance at conventional prices.

- Suitable for monitoring, control, and data acquisition
- Stability up to 0.02% span per year for five years
- Accuracy up to 0.05% of span
- Turndown ratios up to 100:1



Smart Temperature Transmitters



STT850 / STT750



STT170



STT650 DIN Rail Transmitter

Smart Multivariable Transmitter



SMV 800

Smart Level Transmitters



Flow Measurement

Flow Meters



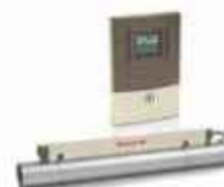
Electromagnetic Flow Meter



Coriolis Mass Flow Meter



Vortex Flow Meter



Clamp-on Ultrasonic Flow Meter

Analytical Instruments

Multiple input Analyzer



pH/ORP



Conductivity



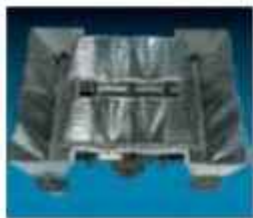
Dissolve Oxygen



Instrument	UDA2182 Universal Dual Analyzer	DirectLine™ Model DL421/422	DirectLine Model DL423	Sensor	DL5000 Equilibrium Probe for ppm & ppm application
Measurement	pH/ORP	pH/ORP	Nil	Measurement Range	0-20,000 ppb or 0-20 ppm
Case (HxWxD)	Plastic Enclosure Made of GE Valox Type 4X (NEMA 4X) 157 CSA	Plastic Polysulfone Enclosure, (NEMA4), 129 x 46 x 46 mm (4.84 x 1.89 x 1.81 in)	Plastic polysulfone enclosure, IP66, 123 x 48 x 46 mm (4.84 x 1.89 x 1.81 in)	Temperature Range	2° to 62°C (35.6° to 140°F)
Display	LCD Dot Matrix, 128 x 64 dpi	LCD 4-digit, 7-segment	LCD 4-digit, 7-segment	Pressure and Temperature Ratings	316SS: 50 psi (3.45 kPa) CPVC: 30 psi (207 kPa)
Display Accuracy	0.05% of Reading	pH: ±0.02, Temp: ±1.0 (C or F)	Conductivity/resistivity: greater of ±2 counts or ±0.5% of reading. Concentration: ±0.5% of reading. Temperature: ±0.1°C from -10° to 99°C, ±1°C from 100° to 140°C	Materials of Construction	316SS or CPVC housing
Control capabilities/advanced features	PID Control, Ethernet/Modbus Communications, Pocket PC and Infrared Configuration, Auto-buffer Calibration, High Purity Water Solution Concentration, 0.2 sec Update Rate, E, European Languages	Integral Electronics/Sensor Design, One or Two Point Calibration, Auto Buffer Recognition	Electronics and Sensor Diagnostics, Auto Buffer Recognition, HART communication for Transmitter	Special Features	Equilibrium probe design requires no internal probe maintenance
Operating Conditions	0° to 60°C (32° to 140°F)	-20° to 85°C (-4° to 185°F)	-20° to 85°C (-4° to 185°F)	Mountings	Immersion in tank, in-line or sample flow chamber
Operating Voltage	90-264 Vac 47-63 Hz	116-42 Vdc	116-42 Vdc	Dimensions (OD)	219 x 34 mm (8.62 x 1.32 in), 1 inch NPT pipe size, 20 feet waterproof cable
Analog Outputs	Up to Three 4 to 20mA	One 4 to 20 mA	One 4 to 20 mA	Response Time	35% in 60 seconds
Relays	Up to 4 Relays	N/A	N/A		
Mountings	Pipe, Wall, or Panel	Integral: No Electronics Mounting Needed. Remote: Pipe, Wall or DIN Rail	Remote: pipe, wall or DIN rail		
Approvals	CE-FM Class I, Div 2; UL/CSA General Purpose	CE for Industrial Applications, UL-General Purpose; CSA General Purpose FM Class I, Div 1, Groups A-D (FS); FM Class I, Div 2, Groups A-D (NLL Field Wiring)	CE for Industrial Applications; UL/CSA general purpose FM		

Line Burners

Raw Gas Line Burners



COMBUSTIFUME® Burners

- Incineration of combustible gaseous effluents from coil coating lines, textile dryers, printing presses, paint baking, etc.



HC AIRFLO® Line Burner

- Turbine exhaust reheater for co-generation system
- High capacity air heating applications



NP, *LV* & *RG* AIRFLO® Line Burners

NP*, & *RG* AIRFLO® for fresh air heating

- Direct Heating Of Fresh Air; Makeup Air; Paint Spray Booth Air Supply
- Print & Drying Of Agricultural Products, Chemicals, Textile
- Baking, Oven Heating

Maxon raw gas burners require no external combustion air source because, as the air stream passes through the profiled mixing plates and meets with the fuel, the resulting turbulence helps create very clean and efficient combustion. Emission rates are available to meet a variety of applications.

Applications include: Curing, baking, paint and print drying, paint baking, fume abatement and many others.

LV AIRFLO® for low oxygen content streams

- Turbine Exhaust Gas Reheating
- Paint Bake Ovens
- Coil Coating
- Incineration
- Burner Design Allows Partial Pre-mix (for O₂ < 12%)

Premix & Nozzle Mix Line Burners

Premix line burners are designed for use in recirculation air streams having very low oxygen content or inert flows.

Nozzle Mix line burners are designed for air and process heating applications. Both types of Maxon burners can provide the uniform and consistent temperatures that are crucial in many processes.

Applications include: Textile, print and board drying, food and chemical spray dryers, baking ovens, and many others.



LINOFLAME® Line Burners

- Textile Drying
- Heating Of Moving Strip Or Web
- Tempering Ovens
- Vessel Heating
- Strip Annealing



LO-NOX™ Line Burners

- Food Industry: Spray Dryers and Baking Ovens

Nozzle Mix Burners



OVENPAK® 400 Burner

- General, Chemical, Paper & Ink Dryers
- Metal Finishing
- Food, Bakery & Paint Bake Ovens
- Yankee Hoods
- Textile Tenter Frames
- Coffee Roasters
- Fume Incinerators
- Printing Machines
- Indirect Heating



TUBE-O-THERM® Burner

- Dye Vats
- Pickling Tanks
- Spray Washers
- Dip Tanks
- Indirect Air Heaters
- Indirect Bakery



VALUPAK®

- Textile Machines
- Printing Machines
- Other types of dryers

Premixing Equipments



LG Mixing Tube



HG Mixing Tube



VENTITE™ Inspirator



MULTI-RATIO® Mixer

High Temperature Nozzle Mix Burners



OXY-THERM®

- Glass Melting Furnaces
- Frit Melting Furnaces
- Ceramic Kilns
- Metal Melting Furnaces



MULTIFIRE® Burner

- Coffee Roasters
- Catalytic Or Thermal Incinerators
- Paper, Printing, Textile Drying
- Board Dryers
- Grain Dryers
- Carbon Rod Baking



WIDE-RANGE® Burners

- Heat Treatment Furnaces
- Smelters
- Incinerators
- Calciners
- Carbon Rod Baking Furnaces



KINEMAX® Burners

- Heat Treatment Furnaces
- Incinerators
- Ceramic & Melting Furnaces

Valves

Shut Off Valves

Maxon electro-mechanical & pneumatic valves are designed to close instantaneously in case of an emergency or when a burner system is stopped. Maxon valves are engineered for long service and each one is 100% tested before shipment.

Design features include:

- Micro-Lapped Seating Surface With Self-Cleaning Action
- Normally-Closed and Normally-Open Models
- Automatic and Manual Reset
- Minimal Pressure Drop with Straight-through Flow
- Cast Iron and Steel Bodies with a Variety of Trims
- NI and 8000 series Valves Approved for Hazardous Duty



Series 808



Series 5000 CP



Series 8000



Series STO-A