



CONTAGAS

Gas solutions 



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1976
2024

48 years
of service to industry

Digital Solutions Regulation Control Valves
Measurement & Instrumentation Filtration Detection
Odorization Combustion Network protection
Exchangers Accesories Steam and thermal oil



Our company

CONTAGAS, S.A. was set up in 1976 to market regulation, control and measuring equipment in Spain. In 1999 we created our Industrial Division to offer specialised service to industrial process plants in general, with regulation and control solutions and equipment and valves for steam and other fluids.

CONTAGAS occupies a prominent place in the sector with quality equipment, always hand in hand with the most prestigious international firms in the industry.

CONTAGAS has been an official distributor for Pietro Fiorentini since 1976

Thanks to our highly qualified staff we offer commercial and technical assistance to our customers so as to find the most suitable solution for them at all times.

Exclusive distribution



Our competitive advantages

SOLID EXPERIENCE

Company founded in 1976.

QUALIFIED STAFF

Team of expert engineers who develop the study and design of the best solution for each project.

TECHNICAL SUPPORT AND SPECIALIZED AFTER-SALES SERVICE

To carry out maintenance and repairs of installed equipment.

PRODUCTO DE CALIDAD

Exclusive representation for Gibson Valves, Valbia, Valpres, Clark-Reliance, Groth, Ayvaz, Negri Fratelli, Banides & Debeaurain, Pegoraro, Pietro Fiorentini, TIV Valves, MecI Eiffage Énergy Systèmes, Elgas, Zunt, Fireye, Teledyne GMI, Guglielmi Danilo and Tecnocomp.

TWO WAREHOUSES (BARCELONA AND MURCIA)

A total of 2.300 m² with an important stock which allows us to offer an immediate customer service.



Marketing



Equipment for gas regulation and control



Equipment for gas regulation and control



REGULATION

STABILIZERS

- Threaded
- PN 16 flanges
- Outlet pressure ranges from 10 to 300mbar
- Maximum inlet pressure of 500 mbar
- Accuracy 10%



DOMESTIC

- Threaded
- Inlet pressure up to 7 bar
- Output ranges from 18 to 300 mbar
- Accuracy 10%
- Compact double stadium solutions



DIRECT ACTION

- Threaded
- PN 16 / 25
- ANSI 150
- Outlet pressure ranges from 0.010 to 4.4 bar
- Accuracy 5%
- High response speed
- Natural and non corrosive gas



PILOTED ACTION

- PN 16
- ANSI 150 / 1500
- Outlet pressure ranges from 0.007 to 200 bar
- Accuracy 2.5% or less
- Natural and non corrosive gas
- Possibility of incorporating a silencer



SAFETY VALVES

RELIEF

- Direct/piloted action
- Cast iron / steel body
- Threaded
- PN 16
- ANSI 150 / 600
- Set pressure ranges from 0.015 to 75 bar



MANUAL REGULATION

- With and without built-in security
- Cast iron / steel body
- PN 16, ANSI 150 / 600
- Outlet pressure ranges from 0.015 to 75 bar



CUT

- Direct/piloted action
- Cast iron / steel body
- Threaded
- PN 16
- ANSI 150 / 600
- Set pressure ranges from 0.015 to 75 bar



VALVES

BALL VALVES

- Connections: threaded, flanged or welded
- Wafer
- Split body
- Trunnion
- 2 and 3 ways
- PN 16 / 100
- ANSI 150 / 1500



BALL VALVES FOR EXTREME TEMPERATURES

- Valve with metal-metal closure for high temperatures (750 °C)
- PENTAFITE seat (PENTA patent)
- Ball valve for cryogenic applications (-196 °C)
- Floating or guided sphere, 2 or 3 ways and special executions
- From class PN 10 to PN 420 and from ANSI 150 to ANSI 2500



CRYOGENIC

- Temperature up to -196°C
- Globe or ball valve
- Manual or pneumatic
- From PN 10 up to ANSI 900



BURABLE

- Fully Welded
- Possibility of purges and greases
- PN 16/ 40
- Possibility of extensions and vents
- ANSI 150 / 1500



BUTTERFLY INDUSTRY

- Body in nodular iron
- Nickel-plated or stainless steel disc
- Gaskets in NBR
- PN 10/16
- Optional ANSI 150 connections



BUTTERFLY COMPANY



RETENTION

- Wafer
- Stainless steel body
- Nitrile gaskets



MALE

- ANSI 150 / 1500
- Ø 1/2" to 42"



Equipment for gas regulation and control



MEASUREMENT

INDUSTRIAL METERS

- Pistons, turbine and quantometers
- Aluminum / steel body
- Extended dynamics
- PED and MID, ATEX, EN 12261
- High and low frequency



CONVERTERS

- MID, ATEX, EN 12405
- Pressure ranges 0.8 to 70 bar
- Integrated modem
- Screen LCD 4 lines



TRANSMITTERS

- Robust construction / low maintenance
- ATEX, SIL 2
- Available output 4-20mA / digital protocols
- High precision



THT

ODORIZATION

- THT injection system by pump
- Pump optimized for low consumption
- Communication by Modbus
- Option with modem GSM/GPRS



RECORDING

- Self-calibration
- Option with GSM/GPRS modem
- Odorization Rate Monitoring
- Up to 3 daily THT readings



NETWORK CONTROL

SMART MANAGEMENT OF GAS DISTRIBUTION SYSTEMS

- Integration of 5 functions in a single device:
 - Measurement of flow in-line.
 - Control of outlet pressure remotely or locally.
 - With the possibility of hourly, daily and weekly programming.
 - Flow limitation intervening on the outlet pressure.
 - Remote monitoring of the main parameters for management the safety of the station (inlet and outlet pressure, intervention of the safety valve of the monitor, control of the state of the filter, intrusion, gas leak).
- End user control: interruption of supply in case of emergency or late payment.



DETECTION

FIXED

- For flammable gases, toxic and oxygen
- From 1 to 200 sensors
- Programmable
- Available in panel and ATEX



PORTABLE

- Easy drive
- Portable, light and robust
- Up to 4 ranks and internal pump



Equipment for gas regulation and control



SOLENOID VALVES

RANGE

- Manual/automatic reset
- Normally closed or open
- Flow regulation
- EN 161 approval
- 200 mbar / 360 mbar / 500 mbar / 6 bar
- Double solenoid valve
- Control butterfly



JOINTS

DIELECTRIC JOINTS

- Male / Female Type PN 10
- Tipo Weld / Weld PN 10
- Tipo Weld / Weld PN 25 / ANSI 150
- Tipo Weld / Weld PN 50 / ANSI 300
- Tipo Weld / Weld PN 100 / ANSI 600
- Possibility of ground connection



FILTERS

HIGH AND LOW PRESSURE

- Basket: Threaded, PN 6 / PN 10
- Spark plug: PN 16 to ANSI 600
- Filtering: 1 µm / 5 µm / 30 µm / 50 µm



REPLACEMENT CARTRIDGES

- Filtration degree 1 or 5 microns
- Standard dimensions
- Anti-humidity (silica)



VAPORIZATION AND EXCHANGERS

GLP VAPORIZERS

- Feedback and feed-out
- From 30 Kg/h to 2.000 Kg/h
- Compact design
- Mechanical thermostatic valve
- PED 2014/68/UE



ACCESSORIES

PRESSURE GAUGES

- Radial or axial connection
- Accuracy up to 0.1%
- With calibration certificate
- ATEX



DIFFERENTIAL GAUGES

- DPG type
- P_{máx} 100 bar with or without electrical contact
- Manifold



PRESSURE GAUGE HOLDER VALVES



THREE WAYS VALVES



PULSE CONNECTION



THREE WAYS PRESSURE GAUGE HOLDER VALVES WITH QUICK PLUG

- Push-button gauge valve with needle unloading or reinforced needle position



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