

PROCESS ELECTRO-PNEUMATIC CONTROL COMPONENTS & SYSTEMS

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FORTY YEARS OF EXPERIENCE IN THE DESIGN, MANUFACTURE & SALES OF HIGH QUALITY PRODUCTS AND SOLUTIONS. 100% MADE IN ITALY

Sitecna since 1983

Established in 1983 as a commercial company, Sitecna has developed a very technical and high level experience in fluid control. Thanks to a very experienced team of engineers, 25 years ago we started to design and develop an innovative range of pneumatic products to satisfy the needs of operations critical for temperature, aggressive environments and classified areas.

Today, at our headquarter located near Milan, in northern Italy, we design, build and sell components and systems for chemical, petrochemical, energy and glass sector, offering our range of pneumatic equipments for the most demanding applications.



Flexible products for every application

Sitecna's products are the standard for non-standard specifications. Our know how in components and engineered systems stems from years of problem facing and solving for the most critical sectors.

Our innovative approach is strongly linked to market developments and quickly renews to meet always more strict requisitions. We carefully listen to our customers to improve efficiency and reliability of equipment and operations.

Products have high level of customization.

Quality first

Total quality concept is our basic strategy, influencing every single choice and providing a solid base for our actual and future growth.

Our commitment towards continuous improvements of our quality management is fully certified.



CHOOSE WHAT YOU NEED

Filters, pressure regulators, filter regulators

Balanced spool valves

Back pressure valves

Pneumatic switch valves

Volume boosters

Lock-up valves

Flow regulators

Quick exhaust valves

Positioners

Switchboxes

Pneumatic valves

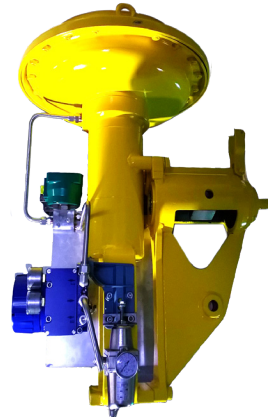
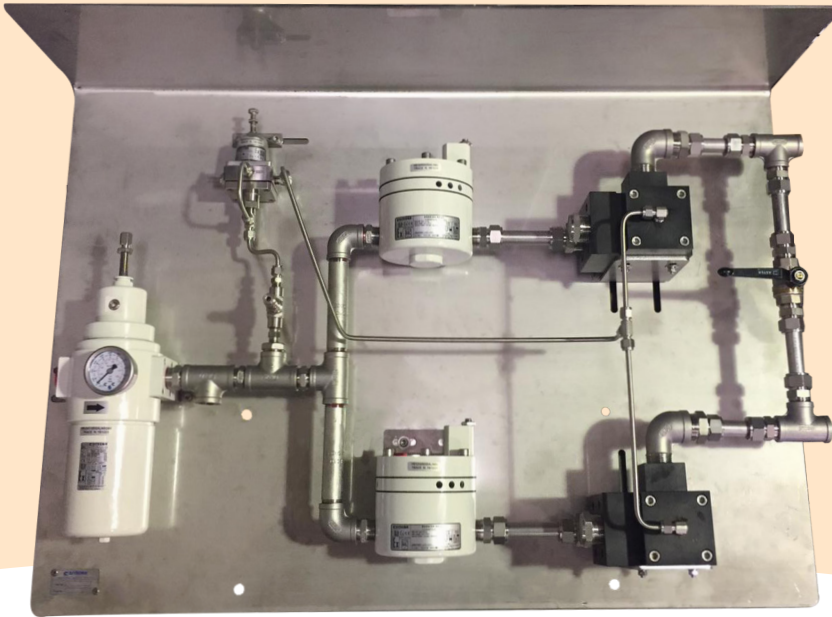
Solenoid valves

AISI316 Hexagon ball valves

Safety valves

Instrumentation fittings

Pressure gauges, silencers & dust excluders





DISCOVER SITECNA'S RANGE

FILTER/PRESSURE REGULATORS

- Copper free aluminum alloy or Stainless steel 316L complete construction
- 1/4", 3/8", 1/2", 3/4", 1", 1 1/2" and 2"NPT
- Standard seals & diaphragm available in NBR, EPDM, FVQM, FKM, LT HNBR
- Standard filtering elements available coalescing type or 3, 5, 25 and 40 micron
- Temperature range from -55°C to 90°C
- Manual or automatic condensate drain
- Relieving or Non relieving versions
- Max inlet pressure up to 30bar
- Full material traceability
- EN10204 3,1, ATEX, SIL3, IP66 and EAC TR CU certified range
- Italian production, 100% Tested



BALANCED SPOOL VALVES

- Copper free aluminum alloy or Stainless steel 316L complete construction
- Standard Sizes 1/4", 3/8", 1/2", 3/4", 1"NPT
- Three (3/2) or five (5/2) ways
- Standard seals in NBR/FKM/HNBR
- High flow features, DN8mm (1/4"), 12mm (3/8", 1/2", 3/4" LF) or DN16 (3/4") DN21 (1")
- Pneumatic acting or mechanical acting
- Choice of standard or special acting
- Max working pressure to 12bar
- Full material traceability
- EN10204 3,1, ATEX, SIL 3 and EAC TR CU
- Italian production, 100% Tested

DISCOVER SITECNA'S RANGE

VOLUME BOOSTERS

- Copper free aluminum alloy or Stainless steel 316L complete construction
- Sizes from 1/4"NPT till 1"NPT
- Standard seals & diaphragm available in NBR, EPDM, FVQM, FKM, LT HNBR
- Threaded exhaust port available
- Temperature range from -55°C to +90°C
- Accurate adjustment and high flow capacity
- Excellent stability and repeatability
- Max working pressure 10BAR
- Integral by-pass valve
- Full material traceability
- EN10204 3,1, ATEX, SIL3, IP66 and EAC TR CU
- Italian production, 100% Tested

QUICK EXHAUST VALVES & FLOW REGULATORS

- Copper free aluminum alloy or Stainless steel 316L complete construction
- Standard Sizes 1/4", 3/8", 1/2", 3/4", 1"NPT
- Standard seals in NBR, FKM, EPDM, FVMQ, LT HNBR, PU, Silicone
- Max working pressure to 12bar
- Full material traceability
- Certifications to EN10204 3,1, ATEX, EAC
- Certification to SIL3 (only for quick exhaust)
- Italian production, 100% Tested

Pressure gauges: Sitecna offers a wide range of pressure gauges. Our Bourdon pressure gauges can have a full stainless steel 316 construction or SS304 case and nickel plated brass connection. Diameter 40, 50 and 60 are available as well as 1/4" or 1/8" NPT size gauge connection. Scales are different. Sitecna's pressure gauges can be supplied Atex certified. We can also offer many other types of gauges with more approval and certification.

Silencers: we can supply high-flow, bug screen and flush silencers from 1/8"NPT till 1"NPT, in stainless steel 316L and other materials suitable for corrosive environment. Silencers are Atex and TR CU certified.

Dust Excluders: offer effective protection of exhaust ports against dirt, dust, moisture, insects granting a large flow capacity (no obstruction of the flow). From 1/8" to 1"NPT, they can be combined with silencers. SS316L construction, suitability for corrosive environments, Atex and TR CU certified.

LOCK-UP VALVES

- Copper free aluminum alloy or Stainless steel 316L complete construction
- 1/4", 3/8", 1/2"NPT, 3/4", 1"NPT
- Standard seals & diaphragm available in NBR, EPDM, FVQM, FKM, LT HNBR
- Single or double locking possibility
- Accurate adjustment and high flow capacity
- Excellent stability and repeatability
- Max set pressure 7BAR
- Temperature range from -55°C to +90°C
- Full material traceability
- EN10204 3,1, ATEX and EAC TR CU
- Italian production
- 100% Tested

BACK PRESSURE & SWITCH VALVES

- Stainless steel 316L complete construction
- Standard Sizes 1/4"
- Standard seals & diaphragm available in NBR, EPDM, FVQM, FKM, LT HNBR
- Temperature range from -55°C to +90°C
- Full material traceability
- Certifications to EN10204 3, ATEX, EAC
- Certification to SIL3 (only for switch valves)
- Italian production
- 100% Tested

POSITIONERS & SWITCH BOXES

With a broad product package and an experience of over thirty years, PMV offers positioners for almost every application.

Digital Positioners, such as D3 - digital positioner with communication, or compact D20/D22

Electro Pneumatic & pneumatic Positioners, modular & flexible.

PMV offers a wide range of switchboxes, easy to mount, provided with a large selection of switching and dome indicator/flat cover.

XCL/XML Explosion proof switchboxes

PS/PM Engineered resin switchboxes

WS/WM Compact low profile switchboxes

DS/DM Compact Ultraswitch switchboxes

PMV

FLOWSERVE



INSTRUMENTATION FITTINGS

Tube Fittings

- OD Compression fittings (Ringlok & Uni-lok Twin Ferrule, Duoloc Single Ferrule)
- Gas Release Flaps
- Flange fittings (connectors, kidney flanges)

Stainless Steel Pipe Fittings

- Hose components and unions
- Plugs, bushes and seals
- High pressure precision pipe fittings
- Weld fittings, low pressure fittings

PTFE Fittings

UHP Fittings

UNILOK
WAVERLEY
brownall



PNEUMATIC & SOLENOID VALVES

ALKON SS316 - 3-ways & 4-ways solenoid spool valves

- A variety of standard AC or DC voltage options
- Operates effectively in lubricated or not systems
- Solenoid assembly reliable it's guaranteed
- Explosion proof NEMA approved operators
- single or double pilot
- PTFE loaded Viton seals (millions of trouble-free cycles)

HLR 900-5 - SS316 Solenoid operated flow control valve

- Solenoid Internal Pilot Supply assisted
- Three Way Normally Closed
- Solenoid Operated
- Spring Return
- Two position

ALKON

SIGMA HLR
Established 1968



AISI316 HEXAGONAL BALL VALVES

Siterna's ball valves features:

- AISI 316L construction
- Working pressure up to 1000psi (70bar)
- Working Temperature -30° up to 200°C
- 2/2 ON/OFF function
- 1/4" (Dn 5mm) - 1/2" (Dn 9mm) sizes
- Compact size
- Low torque quarter turn actuation
- Bi-directional flow
- Anti blow-out spindle
- Standard NPT female threads

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SAFETY VALVES

Atmospheric discharge safety relief valves

Seetru can offer BSP, BSPT or NPT threaded atmospheric discharge valves with PED (CE), ASME (UV & NB), CRN and EAC approval.

Change-over valves

Typically used where plant shutdown is impossible or undesirable. With changeover valves it is possible to switch over between parallel safety valves without interrupting operation, so that maintenance work can be carried out on each safety valve in turn.

Enclosed discharge safety relief valves

Seetru can offer BSP, BSPT or NPT threaded or DIN or ANSI Flanged enclosed discharge valves with PED (CE), ASME (UV & NB), CRN and EAC approval.

Set pressures up to 500 bar depending on the type.

Temperatures down to -196°C.

Liquid level gauges

We also manufacture liquid level gauges, primarily of two types; tubular glass gauges and magnetic float by-pass gauges. Available with threaded, welded or flanged process connections.

Seetru Limited
That's Safety!



OUR PARTNERS



Manufacturer of atmospheric or enclosed discharge safety relief valves, change-over valves, liquid level gauges



Manufacturer of controller units, manual relays, pressure sensors, hydraulic & quick exhaust valves



Manufacturer of instrumentation fittings, ball, needle, check, relief valves



Manufacturer of instrumentation fittings, ball, needle, check, diaphragm, bellows, manifold valves



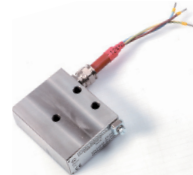
Manufacturer of fittings, flow regulators & electro-pneumatic valves



Manufacturer of digital positioners, analog positioners and switchboxes



Manufacturer of instrumentation heaters & thermostats for hazardous locations



Manufacturer of plastic tubing, valves & instrumentation solutions



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