



AUTOMATED

PROCESS

L I M I T E D

...innovative know-how

- Compressed Air System
- Pneumatic Components and Systems
- Vacuum Components and Systems
 - Control Valves and Actuators
- Compressed Air & Gas Instrumentation
- Process Plant Equipment and Components

Fluid Power and Controls

FLUID POWER AND CONTROLS

- o Compressed Air System
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COMPRESSED AIR SYSTEM

- o Compressors
- o Air Receivers
- o Air Filters
- o Dryers
- o Oil-Water Separators
- o Condensate Drains
- o Controls
- o Compressed Air Quality
- o Energy Management in Compressed Air System



PNEUMATIC COMPONENTS AND SYSTEMS

| Actuators (Cylinders) | Distributors (Directional Control Valves) |
Valves for Multiple Fluids (Process Valves) | Filters, Regulators and
Lubricators (FRL) | Fittings | Accessories and Special Products |
Customized Modular Automation Systems (Kit Pneumatic Motion*) |

 **AUTOMATED
PROCESS
LIMITED**
...innovative know-how

 **METAL
WORK**
PNEUMATIC



VACUUM COMPONENTS AND SYSTEMS

- o Vacuum Suction Cups
- o Special Grippers
- o Area Gripping Systems and End Effectors
- o Mounting Elements
- o Vacuum Generators and Pumps
- o Valve Technology
- o Switches and System Monitoring
- o Filters and Connections
- o Vacuum Gripping Systems for Automation
- o Gripping Solutions from Schmalz for Cobots & Lightweight Robots
- o Vacuum Clamping Systems



CONTROL VALVES AND ACTUATORS



| Solenoid Valves | Angle Seat Valves | Diaphragm Valves | Butterfly Valves | Ball Valves | Gate Valves | Globe Valves | Hygienic and Aseptic Sample and Vent Valves | Check (Non-Return) Valves | Safety, Pressure Relief & Control Valves | Pinch Valves | Pilot Operated Automatic Globe Control Valves | Direct Acting Control Valves | Ball Float Valves | Water & Wastewater Air Valves | Air Vented Anti Surge Tanks | Hygienic Fittings and Connections | Valve Actuators | Valve Actuators Controls & Automations |



COMPRESSED AIR & GAS INSTRUMENTATION

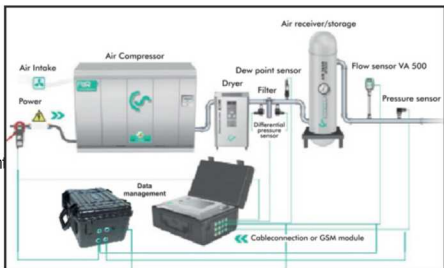
Measurements & Controls for Compressed Air & Gas Industry

SUITABLE APPLICATIONS:

| air / compressed air | carbon dioxide (CO₂) | crypton | methane (CH₄) | nitrogen (N₂) | oxygen (O₂) | LPG | propane | natural gas | argon (Ar) | hydrogen (H₂) | technical gases | mixed gases | laughing gas (N₂O) | propane (C₃H₈) | helium (He) | vacuum | other gases on demand |

PRODUCTS:

- o Dewpoint Measurement
- o Flow Measurement
- o Leak Detection
- o Pressure Measurement
- o Compressed Air Quality Measurement
- o Recorders
- o Software
- o Power Meters



OUR INDUSTRIAL SOLUTIONS AND SERVICES OFFERING



1. Liquid/gas storage/buffer tank level measurement and control
2. Liquid/solid dosing/filling/batching systems
3. Utility liquid/gas metering and inventory systems
4. Fluid loading and unloading systems
5. Industrial safety systems
6. Energy monitoring and management systems
7. Condition monitoring and control systems
8. Instrument maintenance and calibration services
9. Process plants/machines instrumentation and control
10. Compressed air quality solution according to ISO8573
11. Compressed air/gas leak detection and control
12. Control valves system design, assembly and services
13. Industrial wireless and IoT systems
14. Motors, pumps and fans monitoring and controls
15. Electrical panel building components, accessories and services

INDUSTRY

- Food and Beverage
- Pharmaceuticals
- Cement and Chemicals
- Plastics, Printing and Packaging
- Marine, Oil & Gas
- Power and Energy



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