

CUSTOMIZED CONTROL SOLUTIONS

Terminal Boxes for Pneumatic Control Valves

Modular Systems & Solutions

SMART IN FLOW CONTROL

OUR PRODUCTS AND SERVICES



SOLUTIONS FOR CHALLENGING CONTROL TASKS

- 100 years of experience
- Individual consulting and customer support
- Compact turnkey systems for quick and simple installation
- Global sales and service network
- Commonly used standards and applications
- Proven high quality of valves made by SAMSON and other valve manufacturers
- Standard products with additional options
- Customized solutions

SOLUTIONS FOR CHALLENGING CONTROL TASKS



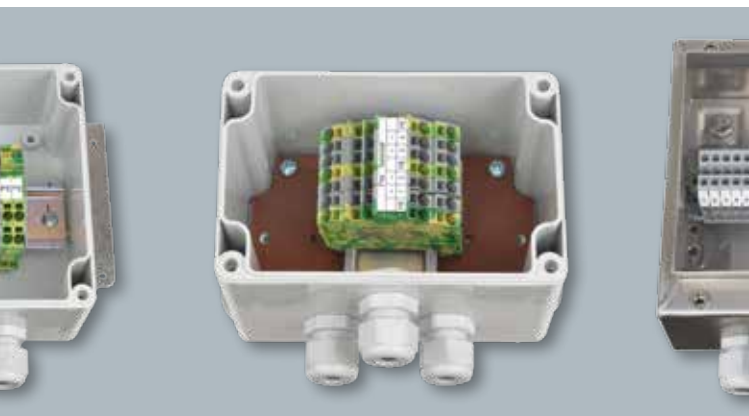
Type 3277 Actuator with 350 cm² diaphragms area and larger

Type 3271 Actuator with 350 cm² diaphragms area and larger*

The terminal box designed to fit SAMSON pneumatic valves provides a central location to bundle sensor and actuator cables and to connect them to a multi-core master cable.

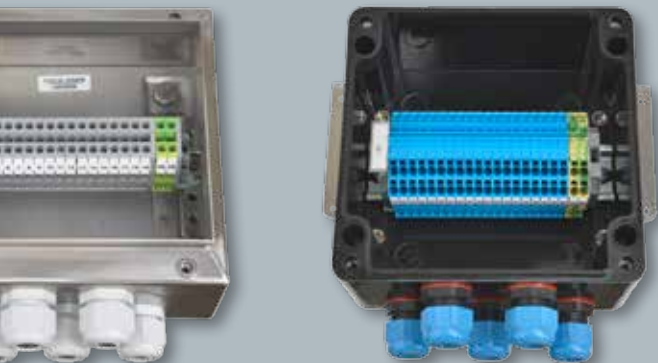
* Others actuator models and sizes on request

YOUR BENEFITS



- Overall electrical wiring plan for the valve assembly and all mounted accessories provides a clear overview
- Advance planning of the reserved cores in the common cable saves time
- Easy to add further sensors and final control elements: reserved cores can be planned in advance.
- On-site bundling of sensor and actuator cables in close proximity
- Easy to wire in the terminal box, e.g. several NC contacts in series
- Ready-installed PVC cables between the terminal box and valve
- Suitable for use in hazardous areas

POSSIBLE VERSIONS



STANDARD

- Sheet steel box 150x150x80 mm (HxWxD), light gray (RAL 7035) with ten terminals, five plastic M20 cable glands, PVC cables, degree of protection IP 66

OPTIONS

- Sheet steel box in other RAL colors
- Nickel-plated brass or stainless steel cable glands
- Number and size of cable glands as required
- Box made of stainless steel 1.4301 (AISI 304 or plastic)
- Shielded cables
- Other cable types available
- Explosion-protected version (Ex ia, Ex e)
- Optional versions (on request)

SAMSON AT A GLANCE

STAFF

- Worldwide 4,300
- Europe 3,300
- Asia 500
- Americas 200
- Frankfurt am Main, Germany 1,800

SALES SITES

- More than 50 subsidiaries
- More than 200 representatives

MARKETS

- Chemicals and petrochemicals, energy, district heating, district cooling, building automation, industrial applications, industrial gases, food, beverages, metallurgy, mining, oil and gas, pharmaceuticals, biotechnology, marine equipment, water and wastewater, pulp and paper

PRODUCTION SITES

- SAMSON Germany, Frankfurt
- SAMSON France, Lyon
- SAMSON Turkey, Istanbul
- SAMSON USA, Baytown, TX
- SAMSON China, Beijing
- SAMSON India, Pune district
- SAMSON Russia, Rostov-on-Don
- SAMSON AIR TORQUE, Bergamo, Italy
- SAMSON CERA SYSTEM, Hermsdorf, Germany
- SAMSON KT-ELEKTRONIK, Berlin, Germany
- SAMSON LEUSCH, Neuss, Germany
- SAMSON PFEIFFER, Kempen, Germany
- SAMSON RINGO, Zaragoza, Spain
- SAMSON SED, Bad Rappenau, Germany
- SAMSON STARLINE, Bergamo, Italy
- SAMSON VDH PRODUCTS, the Netherlands
- SAMSON VETEC, Speyer, Germany



SAMSON AKTIENGESELLSCHAFT
Weismuellerstrasse 3 · 60314 Frankfurt am Main, Germany
Phone: +49 69 4009-0 · Fax: +49 69 4009-1507
E-mail: samson@samson.de · Internet: www.samson.de