

F.R.L. / Pressure Control Equipment

ACG/ARG/AWG



ACG/ARG/AWG Series – Regulator with Built-in Pressure Gauge Filter Regulator with Built-in Pressure Gauge. Improved visibility by mounting the pressure gauge on the top of the knob. Transparent bowl guard. Improved environmental durability due to 2-layer construction (Body size 30 or more). Better visibility: 360°. Light weight: Approx. 12% reduction, Space saving, Labor saving. Installation height: Approx. 30 mm reduction. No need to machine a hole for the pressure gauge.

Air Filter AF-A



MC's new AF modular style air filter combines the element and bowl in one piece, making element replacement easy. There is a maximum 46% reduction in size, reducing required maintenance space. The AF bowl (size 30 and 40) is covered with a transparent bowl guard, allowing 360° monitoring. The modular design of the AF allows connection with other SMC air preparation equipment. The series is available in body size 20, 30 and 40.

Modular F.R.L. Units Series AC.

AMR 3000 to 6000



AMR**00, MR Unit, Regulator w/Mist Separator, Metric. Combination mist separator and regulator. High filtration (0.3µm). Port sizes: 1/4, 3/8, 1/2, 3/4, 1. Threads: Rc (PT), NPT, G(PF). Available with compact pressure switch. MR Unit (Regulator with Mist Separator) Series AMR3000 to 6000.

ARP20/30/40



ARP20/30/40, Direct Operated Precision Regulator. Air consumption decrease by 80% from the existing product (ARP3000). Allows precise control of air pressure. Standard backflow function (ARP20K/30K/40K). Standard digital pressure switches. Compatible with the new AC spacers. Direct Operated Precision Regulator Series ARP20/30/40.

ARX20



Compact Regulator ARX20. Compatible with inlet supply pressure of 2.0 MPa. Ideal for discharge pressure adjustment on a small compressor. Piston type. Ideal for the pressure adjustment of air blowing applications.

AW30/40-X2622



Filter Regulator AW30/40-X2622. Stainless Steel 316 and Special Temperature. Environment (-40°C) Specifications. External parts material: Stainless steel 316. Ambient and fluid temperature: -40 to 80°C. NACE International Standards compliant. Filter Regulator Stainless Steel 316 and Special Temperature Environment (-40c) Specifications AW30/40-X2622.

IR1000-A/2000-A/3000-A



Precision Regulator IR1000-A/2000-A/3000-A. Air consumption: Reduced by up to approx. 90%. High flow rate: Up to approx. twice. Lightweight: Reduced by up to approx. 27%. Sensitivity: 0.2% (Full span). Repeatability: ±0.5% (Full span).

IRV10/20



IRV10/20, Vacuum Regulator. Standardized single piping. Maximum flow rate is now more than twice the flow rate of the existing model: 140 l/min (ANR), 240 l/min (ANR). 20% Mass reduction. Integrated one-touch fitting is now standard. Easy to attach/detach the pressure gauge or digital pressure switch due to attachment by clip. 2 possible mounting orientations for the pressure gauge or digital pressure switch. Multiple mounting angles. Expanding mounting variations.

ITVX



ITVX2000, High Pressure Electro-Pneumatic Regulator. Series ITVX2000 high pressure electro-pneumatic regulator provides stepless control of air pressure to an electrical signal. They have an easy-to-read digital pressure display and a power consumption of 3 W or less. The new series has a 5.0 MPa maximum supply pressure. Stepless control of air pressure proportional to an electrical signal. Maximum supply pressure: 5.0 MPa. Set pressure range: 0.01 to 3.0 MPa. Maximum flow rate: 3000 L/min [ANR]. Fluid: Air, N₂, O₂, Ar. Wetted parts: Fluorine grease 5.0Mpa Maximum Supply Pressure High Pressure Electro-Pneumatic Regulator Series ITVX.



Modular Type F.R.L. Unit

Supply different pressure for multiple applications. OUT port is on the back of the product. Space-saving design and reduced piping labour. Modular connection is possible and branch piping.