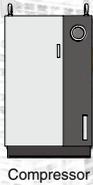


Automation Example



Compressor

Air Preparation Equipment

Refer to the Best Pneumatics No. 6

Air Dryers



- Flow capacity: 65000 L/min (ANR)
- Outlet air pressure dew point: 10°C



- Flow capacity: 780 L/min (ANR)
- Outlet air atmospheric pressure dew point: -30°C

Air Preparation Filters



Micro Mist Separator with Prefilter

- Nominal filtration rating: 0.01 μ m
- Odor Removal Filter
- Outlet oil mist concentration: Max. 0.0032 ppm

Detection Conversion Unit

Refer to the Best Pneumatics No. 8

Pressure Sensors



- Air: -0.1 to 1 MPa
- General fluids: -0.1 to 15 MPa

Flow Sensors



- Air: 0.2 to 12000 L/min (ANR)
- General fluids: 0.5 to 250 L/min (ANR)

Industrial Filters

P.1



- Flow capacity: Max. 3800 L/min (ANR)
- Nominal filtration rating: 0.5 to 120 μ m

Pressure Control Equipment

Refer to the Best Pneumatics No. 6



P.154



- Set pressure range: 0.02 to 0.5 MPa
- Set pressure range: 0.005 to 0.8 MPa

Piping Material

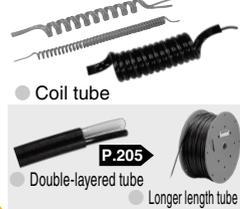
Refer to the Best Pneumatics No. 7

Fittings/S Couplers



- Stainless steel series

Tubing



- Coil tube
- Double-layered tube
- Longer length tube

Operation Unit

Solenoid Valves

Explosion-proof Specifications

Intrinsically safe explosion proof

Refer to the Web Catalog



Refer to the Web Catalog

Explosion proof (Flameproof)



NAMUR Standards IP67

P.199



Accessories

Relay

P.167



Booster relay

Electro-Pneumatic Transducer

P.174



Electro-pneumatic transducer

Valves

P.171



Lock-up valve

Positioners

P.124



Smart positioner



Electro-pneumatic positioner

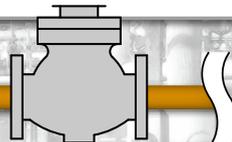
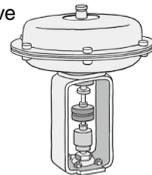
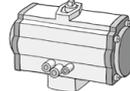
Actuators

P.176



- Applicable cylinder size: $\phi 50$ to $\phi 300$

Industrial process valve Actuator



In principle, SMC products cannot be used outdoors.