## Series variation

## Total air control systems (Gamma system)

1662

F.R.L.

F (Filtr)

R (Reg)

Drain Separ Mech Press SW Res press

Res press exh valve SlowStart Anti-bac/Bacremove Filt

Film Resist FR Oil-ProhR

Press FR
No Cu/
PTFE FRL
Outdrs FRL
Adapter
Joiner

Press Gauge CompFRL

PrecsR VacF/R

Clean FR

ElecPneuR AirBoost

Speed Ctrl

Silncr CheckV/ other

Fit/Tube Nozzle

Air Unit

PrecsCompn Electro Press SW

AirSens
PresSW
Cool
Air Flo

Sens/Ctrl
WaterRtSens
TotAirSys
(Total Air)
TotAirSys
(Gamma)
Gas
generator
RefrDry

DesicDry
HiPolymDry
MainFiltr

Dischrg etc Ending (Refer to Gamma System Technical Manual 1/2 (CT-N-35) for details.) **Product group Features** Page PLC elements The modular PLC elements are the core of the gamma system. This module element is easily incorporated into a pneumatic sequence circuit and has a memory element in the body and AND and OR elements in the sub-base. Specifications: Main features 1651 Cycle display indicator 1652 Built-in interlock Manual operation button Relay elements These control elements enable multifunction circuits. Diverse product lineup Timer, YES/NOT/AND/OR elements, threshold element, pressure switch, solenoid valve, memory element, booster, amplifier, Specifications: 1651 Mount either on a manifold or individually 1652 The sub-base can be mounted either individually or on a manifold without changing shape. Logic elements These elements are mainly used when providing several interlocks for operation signals, and are used as a PLC auxiliary circuit arranged on the PLC input or output side. Integrated and run types available Specifications: AND/OR/NOT elements (integrated), AND/OR elements (line type) 1651 Simple circuit changes possible (integrated) 1656 Both cascade and common connections are available by switching selector parts. Operation switch and air lamp The operation switch elements send signals such as start and stop. The air lamp elements indicate the presence of pneumatic signals. Diverse product lineup Select the type ideal for your application. Specifications: Main features 1651 Stable snap action with small operating force 1658 Push-in fitting for ø4 tube built-in Air counter for pneumatic pulses provided Sensing element These elements send actuator operation confirmation and object detection signals, etc. Diverse product lineup Specifications: A variety of limit switches and sensors are available to handle a wide 1651 range of applications

Main features

Stable snap action with small operating force

Push-in fitting for ø4 tube built-in

The gamma system is a total air system ideal for automating devices that use many pneumatic cylinders. Conditions such as

manual override, emergency stop and interlock are easily added using the step-by-step method modular PLC for designing