

Compact, high function, digital control

- F.R.L.
- F.R.
- F (Filtr)
- R (Reg)
- L (Lub)
- Drain Separ
- Mech Press SW
- Res press exh valve
- SlowStart
- Anti-bac/Bac-remove Filtr
- Film Resist FR
- Oil-ProhR
- Med Press FR
- No Cu/PTFE FRL
- Outdrs FRL
- Adapter Joiner Press Gauge
- CompFRL
- LgFRL
- PrecsR
- VacF/R
- Clean FR
- ElecPneuR
- AirBoost
- Speed Ctrl
- Silncr
- CheckV/other
- Fit/Tube
- Nozzle
- Air Unit
- PrecsCompn
- Electro Press SW
- ContactSW
- AirSens
- PresSW Cool
- Air Flo Sens/Ctrl
- WaterRiSens
- TotAirSys (Total Air)
- TotAirSys (Gamma)
- Gas generator
- RefrDry
- DesicDry
- HiPolymDry
- MainFiltr
- Dischrg etc
- Ending

■ D-sub connector

■ Digital indicator

■ Setting key

■ Module type

EVD-1000

- Port size: Rc1/4, G1/4, NPT1/4
- Flow rate: 60, 400 l/min
- Pressure range: 100, 500, 900 kPa
- Flow path oil-prohibited specifications

EVD Series

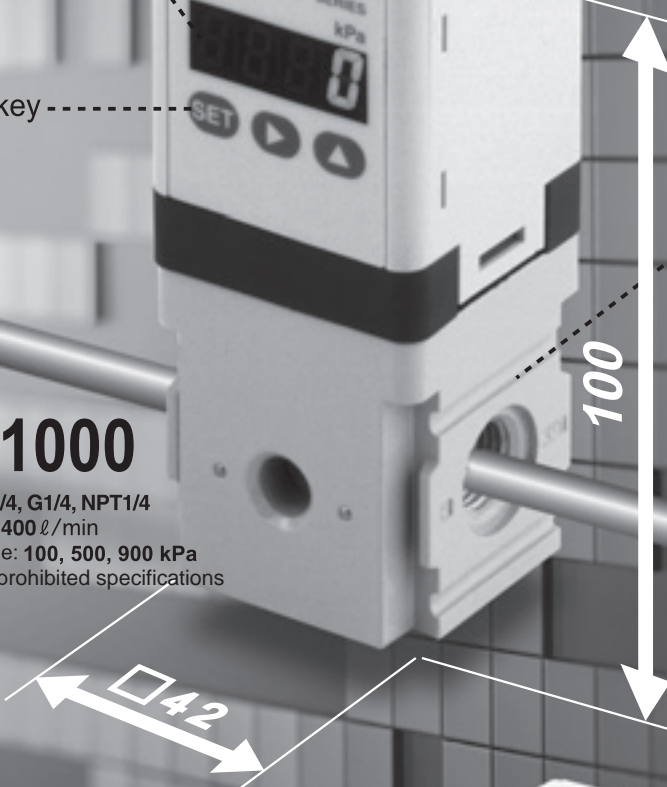
Digital electro pneumatic regulator



Large flow type

EVD-3000

- Port size: Rc1/4, Rc3/8, G1/4, G3/8, NPT1/4, NPT3/8
- Flow rate: 700, 1500 l/min
- Pressure range: 100, 500, 900 kPa



EVD Series digital electro pneumatic regulator - realizing various functions and ease-of-use in a compact size with new functions including pressure display, error display and direct memory functions.

User-friendly and easy to install

Digital display shows the control state at a glance

Digital display of output pressure value with three digits. The output state (switch output ON-OFF) is displayed in addition to the error display.

Output display 3 digit LED display



Parallel input type available as standard.

Control directly from PLC.



Compact design, 25% smaller (CKD comparison)

D-sub connector with 2 way connection

The connector can be rotated 90° to the top or to the side providing more flexibility in mounting.



Module type

Filters and regulators such as C1000 Series can be connected.



Realizing multi-functions with microcomputer

Error display function

Errors are displayed and notified with electrical signals.

Zero/span adjustment function

Zero and span can be adjusted according to the usage methods.

Direct memory function

Signals from external sources not required. Adjust secondary pressure flexibly with keys.

Preset input function

Save up to 8ch of pressure in the main unit and switch with external signals.

Switch output function

Switch output (with built-in overcurrent protection) possible by setting the upper/lower limit pressure.

High accuracy, quick response pressure control

Linearity $\pm 0.3\%$

Hysteresis 0.5%

Response time 0.2 sec

Proportional value change function (EVD*100 only)

Highly accurate and stable control is possible by adjusting the proportional value upward (one stage) or proportional value downward (ten stages).

Eco-friendly design

Energy saving

The auto power OFF function can automatically turn OFF the digital display.

Material indication

Material names are indicated on the main components to facilitate sorting for recycling.

Digital electro pneumatic regulator variation

Series	Pressure range	Input signal	Port size	Output method	Maximum flow rate	Flow path material
EVD-1000	100 kPa, 500 kPa, 900 kPa	10bit Analog Parallel	Rc1/4 G1/4 NPT1/4	NPN PNP Switch output Analog output	60 l/min, 400 l/min	Grease free
EVD-3000	100 kPa, 500 kPa, 900 kPa	10bit Analog Parallel	Rc1/4 G1/4 NPT1/4, Rc3/8 G3/8 NPT3/8	NPN PNP Switch output Analog output	700 l/min, 1500 l/min	Fluorine grease, Vaseline Custom order

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Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PresCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRSens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending