

1

Stepless control

Stepless control of air pressure proportional to an electrical signal.

High precision pressure control

Achieve high precision pressure control with microcomputer PID.

Certification Comply with IP65 and CE certification.

2

Compatible with modular

MAER200 can be assembled with MA**302 series.

MAER300 can be assembled with MA**403 series.

1

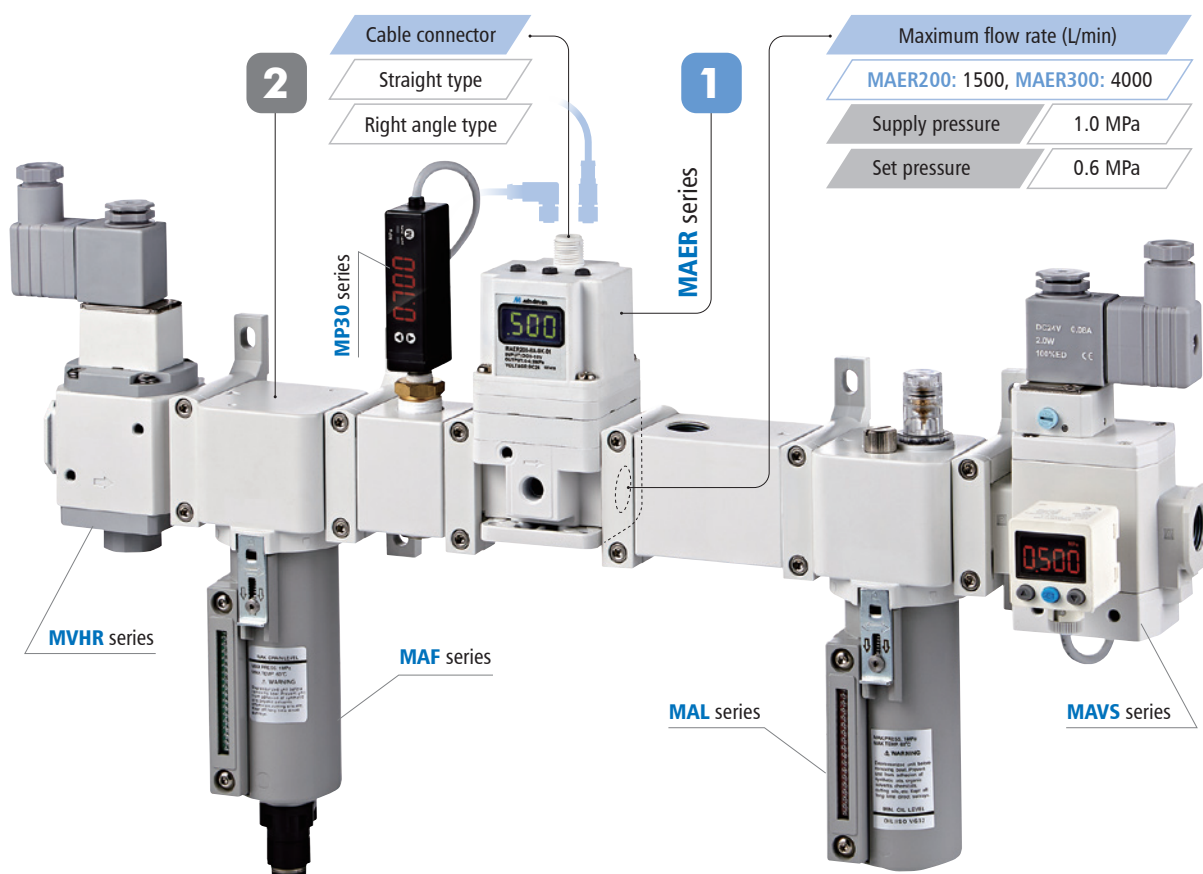
Regulator Performance

Linearity $\pm 1\%$ less (F.S.)

Hysteresis $\pm 0.5\%$ less (F.S.)

Repeatability $\pm 0.5\%$ less (F.S.)

Sensitivity $\pm 0.2\%$ less (F.S.)



Energy saving piping

Simplify complex pipeline for controlling different pressure.
Space saving, Reduce cost, Energy saving.

VS

Tradition piping

Tradition piping for multi-stage air pressure.

MAER

=

MAR

+

MV*

×

n

SET

Pressure setting

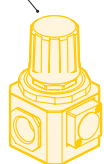
0.1 MPa
0.3 MPa
0.5 MPa
0.7 MPa
...



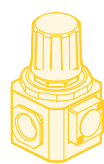
=

Regulator

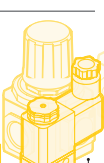
Solenoid valve



Pressure setting
0.1 MPa



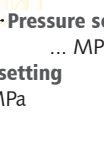
Pressure setting
0.3 MPa



Pressure setting
0.5 MPa



Pressure setting
0.7 MPa



Pressure setting
... MPa

Complex pipeline for controlling different pressure with electrical signal.



MAER200 – 8A – 9K – 1 1 1 – B1 S1 – □

MODEL
MAER200
MAER300

PORT SIZE

8A: 1/4
10A: 3/8
15A: 1/2 *

* For MAER300

PRESSURE RANGE

1K: 0.1 MPa (*)
5K: 0.5 MPa
9K: 0.9 MPa

BRACKET

Blank: Without
B1: L type
B2: Flat type

CABLE CONNECTOR

Blank: Without
S1: Straight 1m
S3: Straight 3m
L1: Right angle 1m
L3: Right angle 3m

PORT THREAD

Blank: Rc thread
G: G thread
NPT: NPT thread

SIGNAL INPUT	SIGNAL OUTPUT	PRESSURE DISPLAY UNIT
1: Current DC4~20mA 2: Voltage DC0~10V 3: Voltage DC0~5V (*) 40: Preset input (*)	1: Analog output DC1~5V 2: Switch output NPN 3: Switch output PNP 4: Analog output DC4~20mA (Source type)	1: MPa 2: kgf/cm ² 3: bar 4: psi 5: kPa
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(*) Made to order.