4GA/B
M4GA/B
MN4GA/B
4GA/B
(master)
4GB
With sensor
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E
MN4E
W4GA/B2
W4GB4
MN3S0
MN4S0
4SA/B0
4KA/B
4KA/B
(master)
4F
4F
(master)
PV5G
GMF
PV5
GMF
PV5S-0
3Q
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP
NVP
4G*0EJ
4F*0EX
4F*0E
HMV
HSV
2QV
3QV
SKH
Silencer
TotAirSys
(Total Air)
TotAirSys
(Gamma)
Ending

More friendly to environment and

W4G2 Series, a plug-in block manifold with 5-port pneumatic valve, meets the needs of today with high environment resistance and environmental awareness, as well as excellent usability from mounting to maintenance.

Various useful functions

● Serial transmission

Compatible with various communication specifications

● Manual override

OFF function and non-locking are available.

● How to install manifold

Supports DIN rail mount.

● Spacer

Air supply spacer and exhaust spacer

MW4GB2-T8*D

● Electrical connections

D sub-connector, flat cable and I/O connector (individual wiring)

G Improved environment-friendliness

More resistant to environment

○ Degree of protection IP65 supported
(Dust proof/jet proof)
Can be used in various working environments.

More friendly to environment

○ Environment-friendly wires
have been adopted for internal wiring.

○ Indication of material names
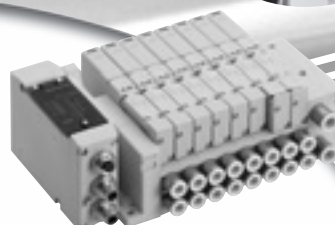Material names are stamped on the main components for easy recycling.

MW4GB2-T8*Y*
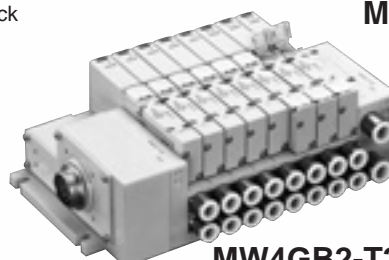Serial transmission + I/O block

W4GB2

MW4GB2-T*

MW4GA2-T10
Common terminal block

MW4GB2-T20
Multi-connector

CKD

people - **W4G2**

4GA/B
M4GA/B
MN4GA/B
4GA/B (master)
4GB With sensor
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (master)
4F
4F (master)
PV5G GMF
PV5 GMF
PV5S-0
3Q
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP NVP
4G*0EJ
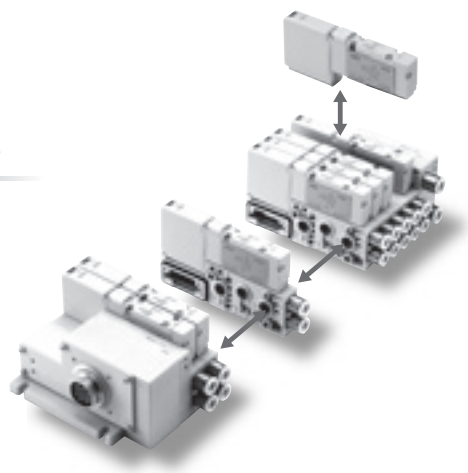4F*0EX
4F*0E
HMV HSV
2QV 3QV
SKH
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending

G Improved usability

Easier installation and maintenance

○ Easy replacement of valves
The plug-in method has been adopted.

◐ No wiring work when adding more blocks
Connector interface has been adopted
between the manifold blocks
(except for the AC)

○ Supports DIN rail mount.
Specification change from direct mounting is also possible.

More flexible

○ Air supply spacer/exhaust spacer
Space saving and compatible with the multi-pressure
and individual exhaust specifications.

○ Supports multi-pressure

○ A wide range of wiring options

| Common terminal block | I/O connector (Individual wiring) | Multi-connector |

| Serial transmission |
| CC-Link |
| Device Net |
| EtherCAT |
| CC-Link IEF Basic |
| PROFINet |

| D sub-connector (IP40 or equivalent) | Flat cable (IP40 or equivalent) |

○ Piping direction options
Top, side or bottom * piping direction can be selected.
(* except for DIN rail mount)

○ Network control of peripheral devices
Adding more I/O blocks enables network control of valves and sensors around the manifold.
(serial transmission)

G Improved reliability

○ **24** ms or less response.
(in-house data: 2-position single)

○ Service life of **60** million times or more
(at 0.5 MPa with clean air)

G Improved safety

○ Three types of manual override
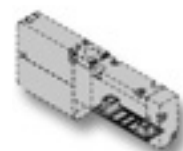
(1) Non-locking
Locking common (standard)

(2) With OFF function
Blocks can individually be turned OFF while the valve power supply is ON, and therefore installation, maintenance and inspection of the system is easy. This type also supports normal manual override operation.
(push/non-locking)

(3) Non-locking

○ The attached protective cover prevents misoperation of the manual override.

○ The integrated check valve prevents cylinder accidental operation caused by back pressure.

○ A filter is installed in the air supply port (optional for single unit).

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