

# Introducing the new ISO valve that's now more

## New ISO valve PV5G / PV5 / GMF Series

that's compact, lightweight and energy efficient,  
with improved operability, service life and environmental performance.



### Compact body size

It has become more compact while improving the total performance.



← compared to  
CKD conventional  
products **10% LESS**

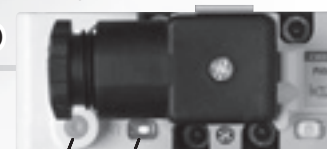
### Improvement of operability

Manual buttons and conduction indicator lamp are optimally positioned in consideration of the ease of operation, visibility, etc. Operability has improved in adjustment, maintenance and the like when installing.

### Uses 2-color display lamp

Solenoid a: red  
Solenoid b: green

▼ Enlarged view



Power indicator lamp

Manual button (with rubber cover)

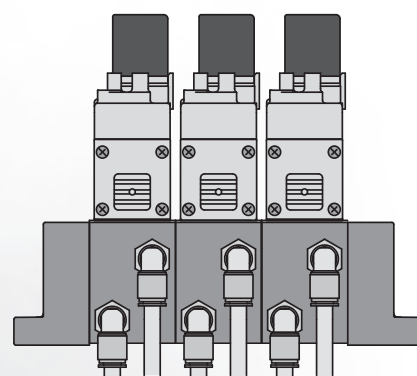
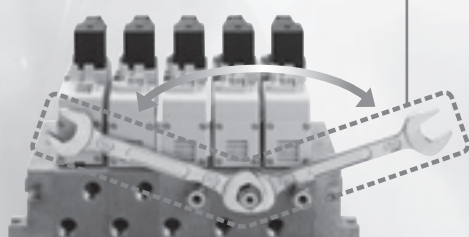
### Improvement of reliability and safety

Rubber cover for manual override button.  
Prevents intake of foreign matter leading to misoperation.  
It emphasizes safety, making it ideal for operation using manual tools.

### Simple, easy piping

The valve body does not protrude over the base of the manifold, and does not interfere with the rotation of a wrench or similar tool, thus promoting efficient piping work.

Wrench can be rotated at a large angle.



A/B ports are placed offset,  
making it easier to install fittings.

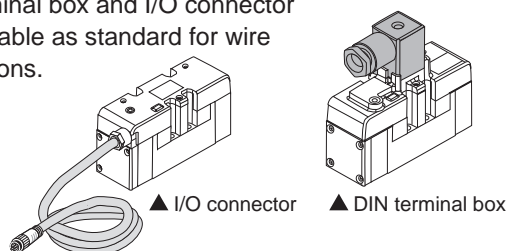
# compact and easier to use.

## Low wattage design **1W**

Power consumption is reduced from conventional 1.8 W to 1 W.  
Significantly more energy efficient.

## Standard I/O connector

DIN terminal box and I/O connector are available as standard for wire connections.



## Degree of protection of **IP65** or equivalent

The dust-proof and water jet-proof structure of IP65 or equivalent is suitable for harsh environments.

- **Longer service life**  
Service life is further extended by improvements in structure of sliding section and packing, etc.
- **Lighter weight**  
The body is made of aluminum and the rest is resin. Features a lightweight design.
- **Compliant with ISO standards**  
Pilot operated pneumatic 5-port valve with mounting pitch, thread size and flow path dimensions that are in accordance with ISO standards.
- **Improved design**  
The design has been renewed with white coloring and rounded corners.

### ■ PV5G/PV5/GMF/PV5S-0 Series

Series/appearance				Applicable cylinder bore size	Port size		Voltage
ISO size 1	Single valve <b>PV5G-6</b> Series	DIN terminal box	Manifold <b>GMF1</b> Series	<b>MAX. ø100</b>	P/A/B	Rc1/4, Rc3/8	100 VAC 110 VAC 200 VAC 220 VAC 12 VDC 24 VDC
	Single valve <b>PV5-6R</b> Series	I/O connector			R <sub>1</sub> /R <sub>2</sub>	Rc3/8, Rc1/2	24 VDC
	Master valve <b>PV5S-6-0</b>	—	—	<b>MAX. ø100</b>	P/A/B	Rc1/4, Rc3/8	—
					R <sub>1</sub> /R <sub>2</sub>	Rc3/8	—
ISO size 2	Single valve <b>PV5G-8</b> Series	DIN terminal box	Manifold <b>GMF2</b> Series	<b>MAX. ø160</b>	P/A/B	Rc3/8, Rc1/2, Rc3/4	100 VAC 110 VAC 200 VAC 220 VAC 12 VDC 24 VDC
	Single valve <b>PV5-8R</b> Series	I/O connector			R <sub>1</sub> /R <sub>2</sub>	Rc1/2, Rc3/4	24 VDC
	Master valve <b>PV5S-8-0</b>	—	—	<b>MAX. ø160</b>	P/A/B	Rc3/8, Rc1/2, Rc3/4	—
					R <sub>1</sub> /R <sub>2</sub>	Rc1/2, Rc3/4	—

4GA/B
M4GA/B
MN4GA/B
4GA/B (master)
4GB With sensor
4GD/E
M4GD/E
MN4GD/E
4GA/B4
MN3E
MN4E
W4GA/B2
W4GB4
MN3S0
MN4S0
4SA/B0
4KA/B
4KA/B (master)
4F
4F (master)
<b>PV5G</b>
<b>GMF</b>
<b>PV5</b>
<b>GMF</b>
<b>PV5S-0</b>
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