

Information on Symbol Revision

Piping and electrical graphic symbol standards were revised.

Piping graphic symbol standards: JISB0125-1: 2007/ISO1219: 2006

Electrical graphic symbol standards: JISC0617: 2011/IEC60617

Therefore, the graphic symbols in the catalogs were also revised.

1. About the graphic symbols stated in catalogs

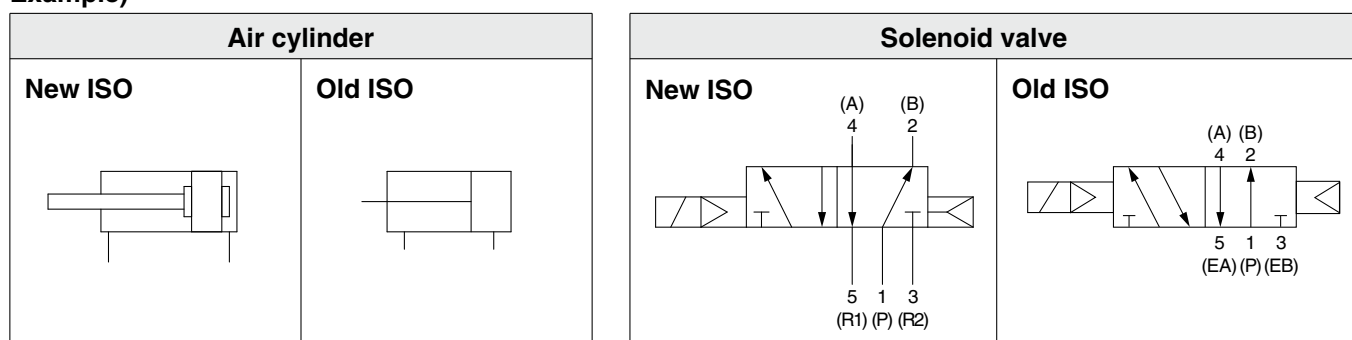
Please be aware that the old graphic symbols are still included in some catalogs.

Electronic catalogs on the SMC website will be revised one by one.

For further information, please refer to the SMC website (<http://www.smcworld.com>).

A few contrasting examples between the new and old symbols can be found below.

Example)



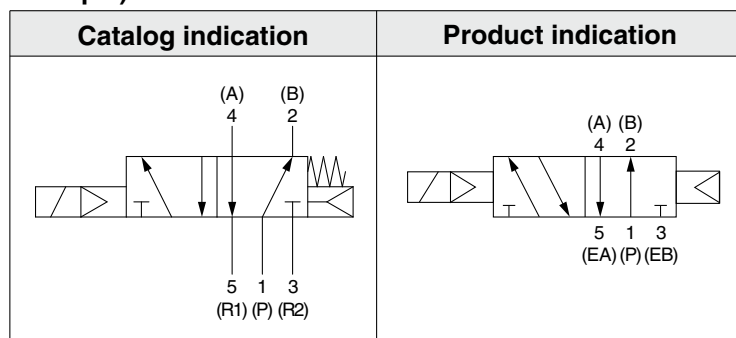
2. About port indication

The port symbol was changed from an alphabetic indication to a numeric indication.

Please be aware that the indication stated in the catalog may differ from that on the actual product.

An indication example can be found below.

Example)



G Thread of SMC Products

1. The thread shape (root diameter, thread diameter, pitch, etc.) and gauge diameter of the G thread complies with the thread standards defined in JIS B0202 (ISO228-1).

2. The products with the ISO1179-1 (hydraulic/pneumatic G thread) or ISO16030 (pneumatic G thread) indications comply with the thread shape and gauge diameter standards of JIS B0202 (ISO228-1), and relevant effective thread depth, seat surface range, surface roughness, and squareness standards.

3. As for ISO1179-1 (hydraulic/pneumatic G thread), original pressure tightness (withstand pressure) values are specified for each SMC product. These pressure tightness (withstand pressure) values are not guaranteed to comply with those defined in ISO 1179-1, ISO1179-2, ISO1179-3, and ISO1179-4.

4. As for ISO16030 (pneumatic G thread), original pressure tightness (withstand pressure) values are specified for each SMC product. These pressure tightness (withstand pressure) values are not guaranteed to comply with those defined in ISO16030.

Revision History

Edition B	* Handling precautions for equipment other than pneumatic equipment (models shown below) has been added. 2-Port Solenoid Valves for Fluid Control Temperature Control Equipment Hydraulic Cylinders Electric Actuators/Cylinders * Number of pages has increased from 52 to 76.	MV
Edition C	* Process Gas Equipment was added. * "Information on Symbol Revision/G Thread of SMC Products" was added.	RW
Edition D	* Industrial Filters was added. * Number of pages has increased from 76 to 80.	VR