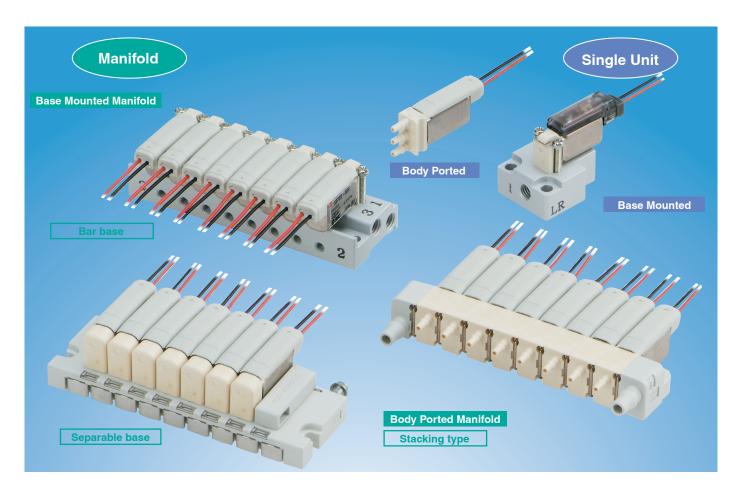
3 Port Solenoid Valve

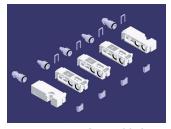


Rubber Seal



- \bullet Valve width 7~mm
- Weight $\mathbf{5}$ g (single unit valve)
- Power consumption
- 0.35 W (Standard),
- 0.1 W* (With power saving circuit)
- $\bullet \ \, \text{Operation noise} \ \, \textbf{38} \ \, \text{dB (A) or less}$
- Sonic conductance: C 0.060 [dm³/(s·bar)]
- Stacking type manifold
 - * Refer to page 20 for details.







Separable base

Stacking type

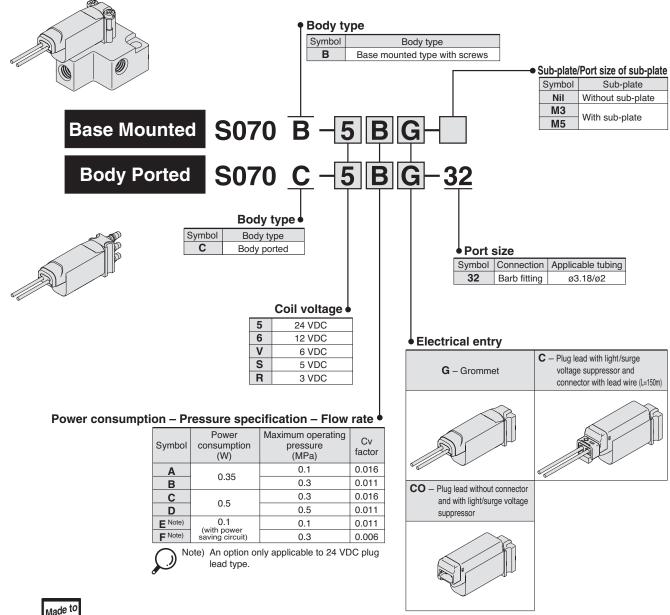


Compact Direct Operated 3 Port Solenoid Valve

S070 Series

C € EK

How to Order Valve

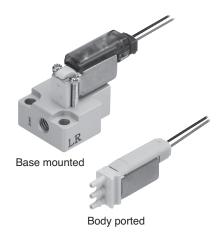




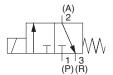
Made to Order

Symbol	Specifications
X26	Grommet type, Special lead wire length
X50	Universal type
X62	Normaly open type

Compact Direct Operated 3 Port Solenoid Valve **S070** Series



JIS symbol



Specifications

Valve construction	Poppet						
Fluid	Air / Low vacuum (1.33 x 10 ² Pa)						
Maximum operating pressure	0.3 MPa (0.35 W, 0.1 W), 0.5 MPa (0.5 W)						
Proof pressure	1 MPa						
Ambient and fluid temperature Note 1)	−10 to 50°C						
Lubrication	Not required						
Impact/Vibration resistance Note 2)	30/150 m/s ²						
Enclosure	IP40						
Weight	5 g (single unit valve)						
Mounting orientation	Free						

Note 1) Use dry air and prevent condensation at low temperatures.

Note 2) Vibration resistance: No malfunction resulted in 45 to 2000 Hz, a one-sweep test performed in the axial and right angle directions of the main valve and armature for both

energized and de-energized states.

Impact resistance: No malfunction resulted in an impact test using a drop impact tester. The test was performed one time each in the axial and right angle directions of

the main valve and armature, for both energized and de-energized states. With the 0.1 W specification, the vibration and impact resistance is $10/50 \text{ m/s}^2$ or less.

Note 3) With the low vacuum specification, the operating pressure range is 1.33 x 10² Pa to the maximum operating pressure.

Solenoid specifications

Power consumption Note 1)	0.35 W (standard), 0.5 W (high pressure), 0.1 W (power saving)
Rated coil voltage	3, 5, 6, 12, 24 VDC
Allowable voltage fluctuation Note 2)	±10% of the rated voltage
Coil insulation type	Equivalent to class B



Note 1) With a light/surge voltage suppressor and power saving circuit, the light consumes a power equivalent to 2 mA. With the 0.1 W DC specification 0.35 W DC at inrush (20 ms) and 0.1 W DC at holding.

Flow specifications/Response time

Dower consumption	Maximum operating		Flow chara	Response time ms Note 2, 3)			
Power consumption	pressure	C[dm3/(s·bar)]	b	Cv	Flow rate [I/min], ANR Note 4	ON	OFF
0.5.W.DC	0.5 MPa	0.042	0.27	0.011	9.6	3 or less	3 or less
0.5 W DC	0.3 MPa	0.060	0.28	0.016	10.9	5 or less	3 or less
0.35 W DC	0.3 MPa	0.042	0.27	0.011	7.6	3 or less	3 or less
0.35 W DC	0.1 MPa	0.060	0.28	0.016	6.9	5 or less	3 or less
0.1 W DC (at holding)	0.3 MPa	0.021	0.27	0.006	3.8	3 or less	6 or less
with power saving circuit Note 1)	0.1 MPa	0.042	0.28	0.011	4.8	5 or less	6 or less



- Note 1) With the 0.1 W DC specification, keep the vibration/impact within10/50 m/s².
- 0.35 W DC at inrush (20 ms) and 0.1 W DC at holding.
- Note 2) The response time is the value at the rated voltage and maximum operating pressure, ambient and fluid temperature (approx. 25°C)
- Note 3) If the product is used in the following conditions or environment, switching of the valve may be significantly delayed compared to the above values.
 - 1. The first response time when the valve is not used for a long period of time.
 - 2. When using at low supply pressure (0.1 MPa or less)
 - 3. When using in an environment where the ambient and fluid temperature is low (10°C or less)

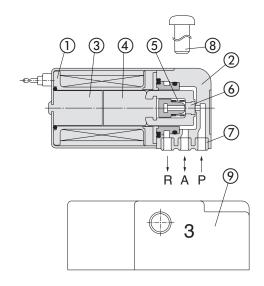


Series \$070

Construction

Component Parts

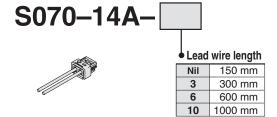
Number	Description	Material
1	Solenoid coil	_
2	Body	Resin
3	Core	Stainless steel
4	Armature assembly	Stainless steel, resin
5	Return spring	Stainless steel
6	Poppet	FKM
7	Interface gasket	HNBR
8	Round head combination screw	Carbon steel
9	Sub-plate	Aluminum



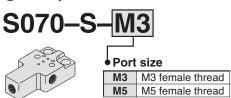
* The above figure is an example of S070B- Gbase piping type (mounted with screws).

Replacement Parts

Plug connector assembly (for plug lead)







⑦ Interface gasket (10 pcs.)

Valve model	Gasket No.
S070A	S070A-80A-1
S070B	S070B-80A-1
S070M	S070M-80A-1



(8) Mounting screw (20 pcs.)

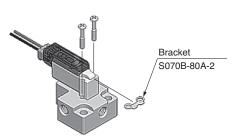
Valve model	Mounting screw No.
S070B	AXT632-106A-1
S070C	AXT632-106A-2



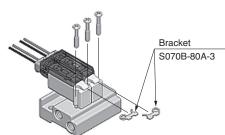
Bracket/S070B (10 pcs.)

	(10 0001)							
Valve model	Bracket no.	Note						
S070B, SS073B	S070B-80A-2	For sub-plates and manifolds (more than 3 stations						
SS073B	S070B-80A-3	For manifolds (2 stations only)						

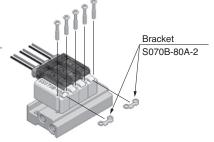
 $[\]ast$ This is used when mounting a valve on the sub-plate and manifold.



Single unit (base mounted)



Manifold with 2 stations

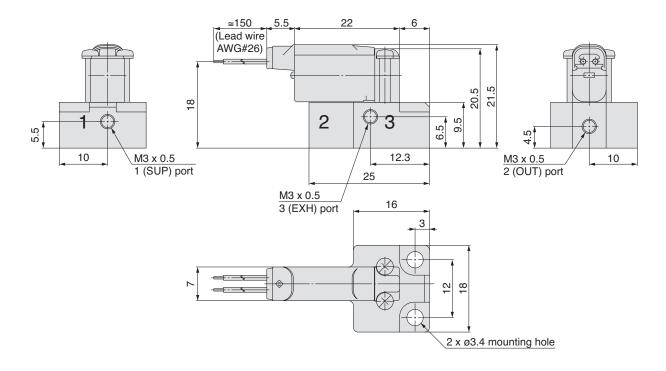


Manifold with more than 3 stations

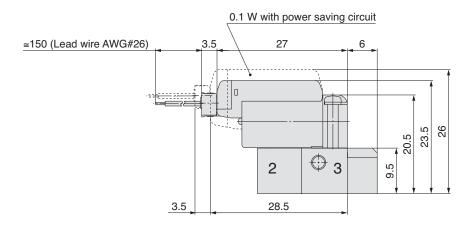


Base mounted with sub-plate

S070B-□□G-M3 Grommet type



S070B-□□C-M3 Plug lead type



SMC

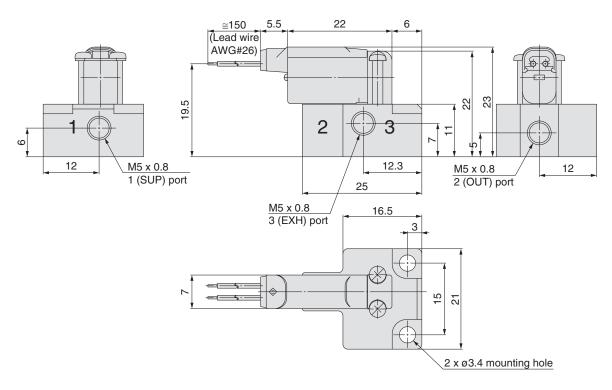
5

Series \$070

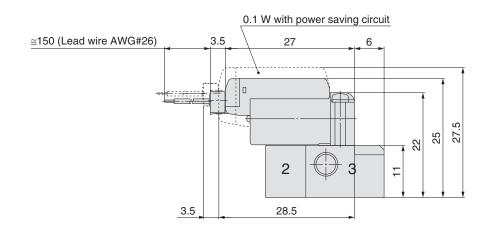
Dimensions

Base mounted with sub-plate

S070B-□□G-M5 Grommet type

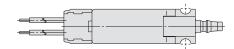


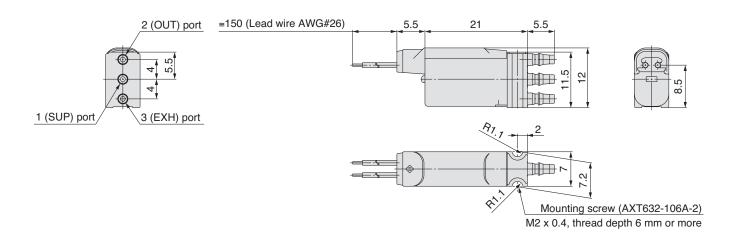
S070B-□□C-M5 Plug lead type



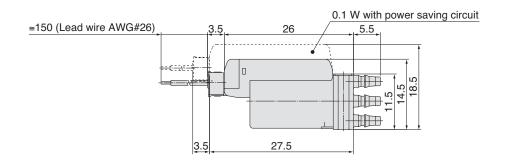
Body ported

S070C-□□G-32 Grommet type





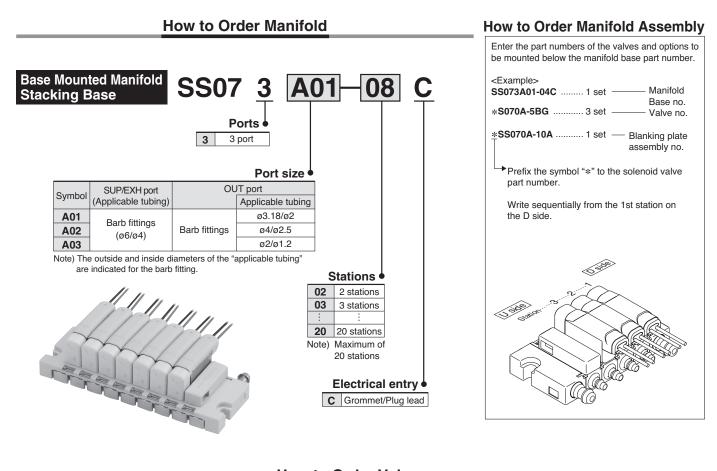
S070C-□□C-32 Plug lead type



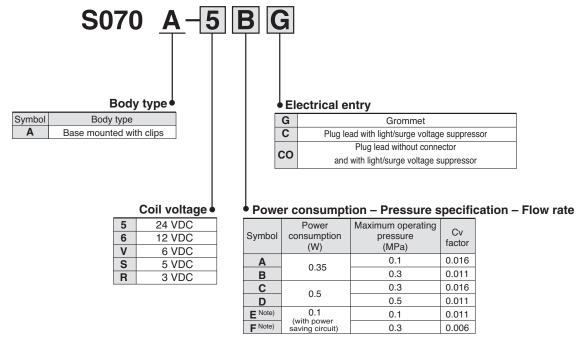
SMC

7

3 Port Solenoid Valve Series S070/Base Mounted Manifold Separable Base Type



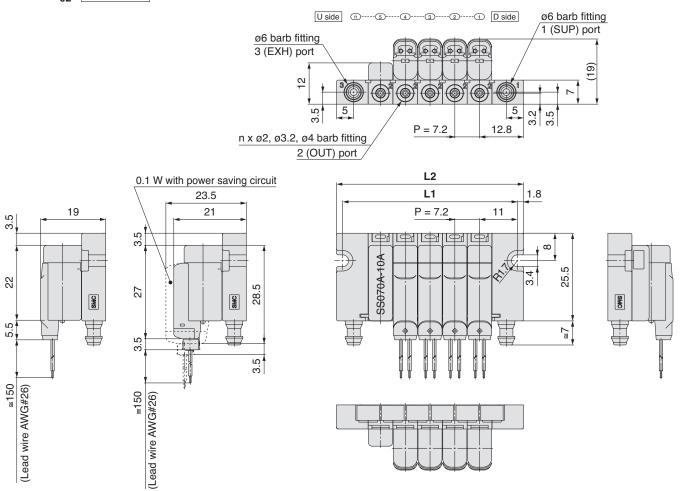
How to Order Valve



Note) Semi-standard, only applicable to 24 VDC plug lead type.

Base mounted manifold / Separable base

SS073A 01 - Stations C



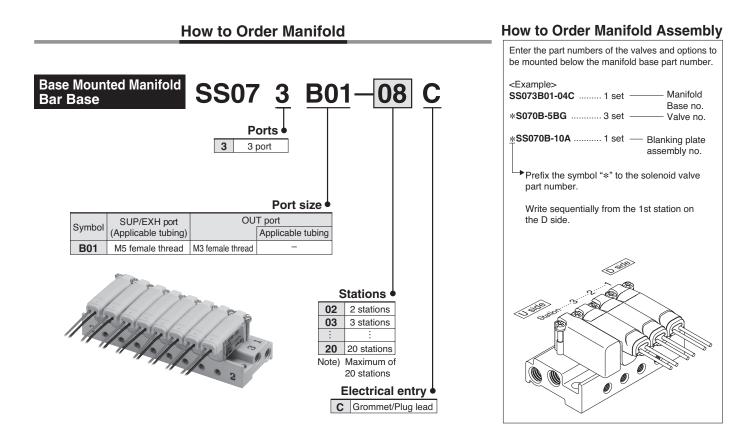
Dimensions

Formulas: L1 = n x 7.2 + 14.8, L2 = n x 7.2 + 18.4, n: Stations (maximum 20 stations)

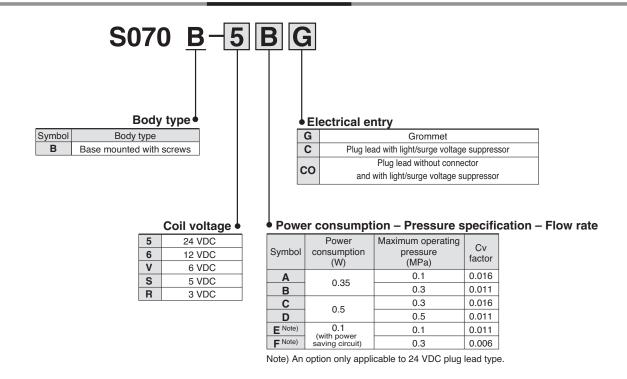
L	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L1	29.2	36.4	43.6	50.8	58	65.2	72.4	79.6	86.8	94	101.2	108.4	115.6	122.8	130	137.2	144.4	151.6	158.8
L2	32.8	40	47.2	54.4	61.6	68.8	76	83.2	90.4	97.6	104.8	112	119.2	126.4	133.6	140.8	148	155.2	162.4

SMC

3 Port Solenoid Valve Series S070/Base Mounted Manifold Bar Base Specification

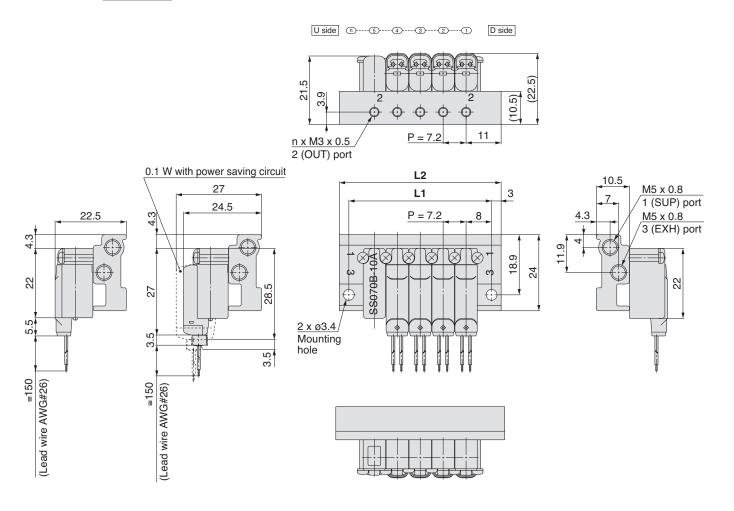


How to Order Valve



Base mounted manifold / Bar base

SS073B01-Stations C



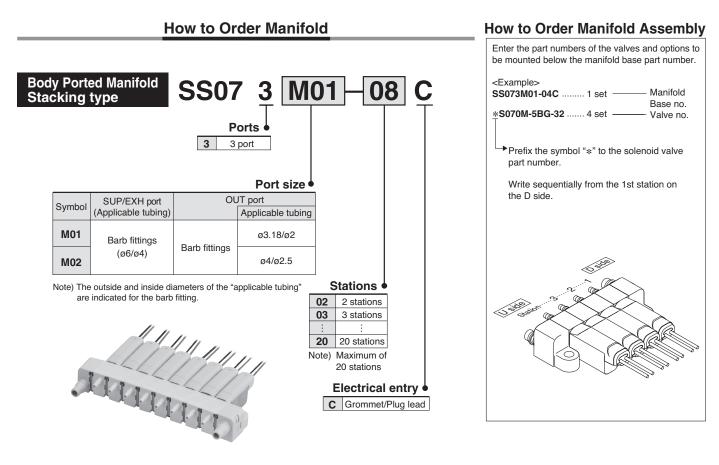
Dimensions

Formulas: $L1 = n \times 7.2 + 8.8$, $L2 = n \times 7.2 + 14.8$, n: Stations (maximum 20 stations)

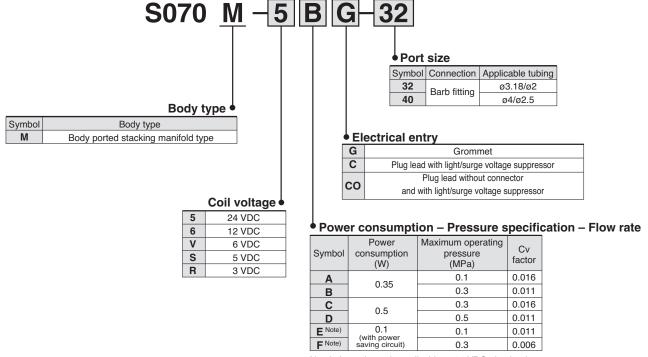
L	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L1	23.2	30.4	37.6	44.8	52	59.2	66.4	73.6	80.8	88	95.2	102.4	109.6	116.8	124	131.2	138.4	145.6	152.8
L2	29.2	36.4	43.6	50.8	58	65.2	72.4	79.6	86.8	94	101.2	108.4	115.6	122.8	130	137.2	144.4	151.6	158.8

SMC

3 Port Solenoid Valve Series S070/Body Ported Manifold Stacking Type Specifications



How to Order Valve

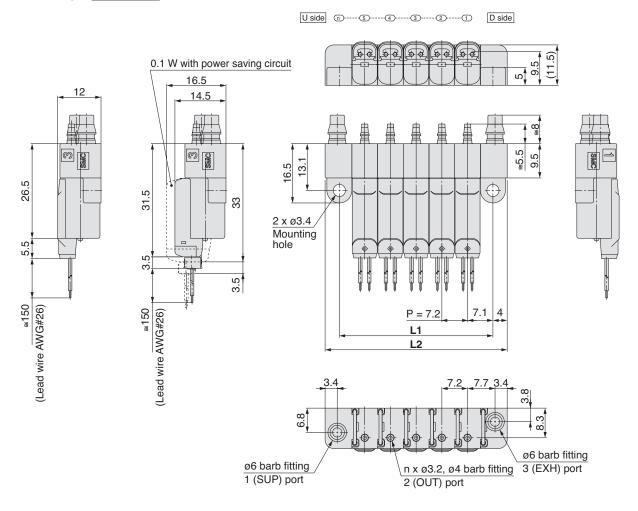


Note) An option only applicable to 24 VDC plug lead type.



Body ported stacking type manifold

SS073M 01 OStations C



Dimensions

Formulas: L1 = n x 7.2+ 7, L2 = n x 7.2 + 15, n: Stations (maximum 20 stations)

												,		- ,		(
L	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L1	21.4	28.6	35.8	43	50.2	57.4	64.6	71.8	79	86.2	93.4	100.6	107.8	115	122.2	129.4	136.6	143.8	151
L2	29.4	36.6	43.8	51	58.2	65.4	72.6	79.8	87	94.2	101.4	108.6	115.8	123	130.2	137.4	144.6	151.8	159

SMC

13

Series S070

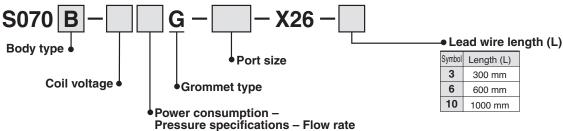
Made to Order



Please contact SMC for detailed specifications, dimensions and delivery.

1 Grommet Type: Special Lead Wire Length

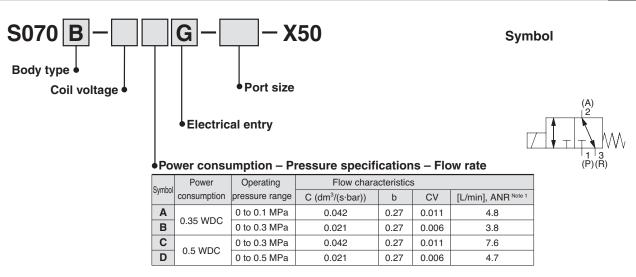
X26



* Refer to pages 2, 8, 10 and 12 for body type, coil voltage, power consumption-pressure specifications, and port size.

2 Universal Specifications

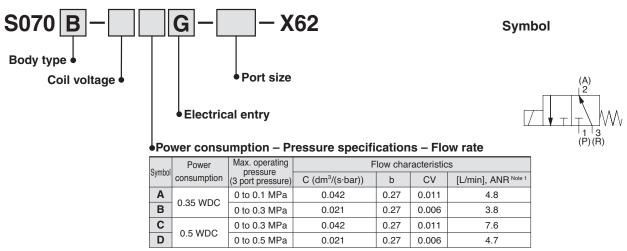
X50



^{*} Refer to pages 2, 8, 10 and 12 for body type, coil voltage, electrical entry, and port size.

3 Normally Open Specifications

X62



Note 1) When used in the vacuum release, use with 1-port vacuum, and 3-port vacuum release pressure.

^{*} Refer to pages 2, 8, 10 and 12 for body type, coil voltage, electrical entry, and port size.

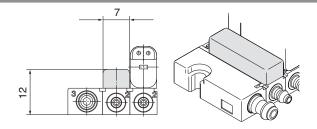


Manifold Options

Blanking plate assembly (for SS073A)

SS070A-10A (for separable base)

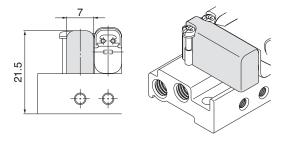
This assembly is mounted on a manifold block where the valve is removed for maintenance or a replacement valve is going to be mounted.



Blanking plate assembly (for SS073B)

SS070B-10A (for bar base)

This assembly is mounted on a manifold block where the valve is removed for maintenance or a replacement valve is going to be mounted.

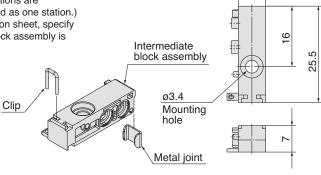


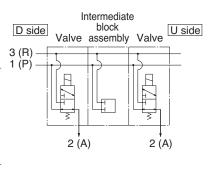
Intermediate block assembly (for SS073A)

SS070A-B (for separable base)

This assembly is used to secure the manifold when a large number of stations are manifolded. (Accommodated as one station.)

 In the manifold specification sheet, specify the position where the block assembly is mounted.





Intermediate block assembly (for SS073M)

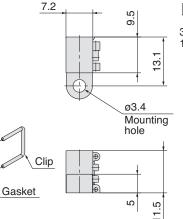
block assembly

SS070M-B (for stacking type)

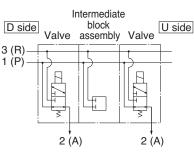
This assembly is used to secure the manifold when 20 or more stations are manifolded. (Accommodated as one station.)

* In the manifold specification sheet, specify the position where the block assembly is mounted.

Intermediate



7.2

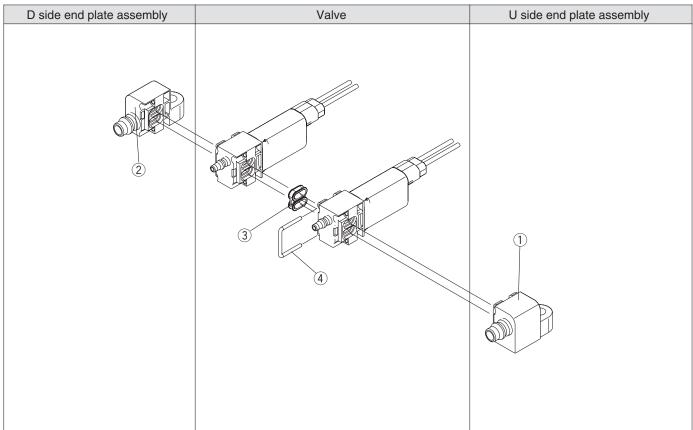




Series \$070

Exploded View of Stacking Type

Body ported type / SS073M01-□C Exploded view of stacking type



< U End Plate Assembly >

① U end plate assembly No.

SS070M01-2A

< D End Plate Assembly >

2 D end plate assembly No.

SS070M01-3A

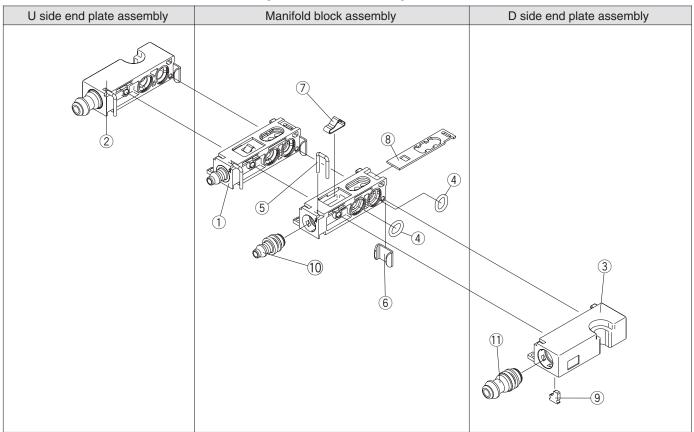
Replacement Parts

<u> </u>						
No.	No.	Description	Material	Number		
3	S070M-80A-1	Gasket	FKM	10		
4	SS070M-80A-2	Clip	Stainless steel	10		

Series S070

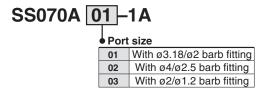
Exploded View of Separable Base

Base mounted / SS073A□-□C Exploded view of separable base



< Manifold Block Assembly >

1 Manifold block assembly No.



< U Side End Plate Assembly >

② U side end plate assembly No.

SS070A01-2A

< D Side End Plate Assembly >

 $\ensuremath{\mathfrak{G}}$ D side end plate assembly No.

SS070A01-3A

< Replacement Parts for Manifold Block >

Replacement Parts

No.	No.	Description	Material	Number
4	SS070A-80A-1	O-ring	FKM	10
5	SS070A-80A-2	Clip	Stainless steel	10
6	SS070A-80A-3	Metal joint	Stainless steel	10
7	SS070A-80A-4	Leaf spring	Stainless steel	10
8	SS070A-80A-5	Mounting bracket	Stainless steel	10

<Replacement Parts for U/D End Plate>

Replacement Parts

No.	No.	Description	Material	Number
9	SS070A-80A-6	Stopper plate	Stainless steel	10

< Barb Fitting Assembly >

10 Barb fitting assembly (for cylinder port)

SS070-50A-32

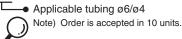
Port size

32 Applicable tube ø3.18/ø2
40 Applicable tube ø4/ø2.5

Note) Order is accepted in 10 units.

(1) Barb fitting assembly (for 1(P), 3(R) ports)

SS070-51A-60





S070 Series Specific Product Precautions 1

Be sure to read this before handling the products. Refer to back cover for Safety Instructions.

Valve mounting / Removal

1. Base mounted with screws

With the base mounted type fixed with screws, confirm the installation of the gasket mounted on the body interface and fasten the dedicated mounting screws (AXT632-106-1) at an appropriate torque (0.10 to 0.14 Nm). (Fasten equally so that the valve will not tilt.)



2. Base mounted with clips

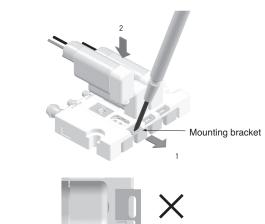
1 Hook a flat head watchmakers screwdriver into the hole of the metal bracket and pull it approximately 1 mm in the direction indicated by the arrow.2 Insert the solenoid valve from above. After confirming that the bottom surface of the solenoid valve contacts the top surface of the manifold, detach the flat head screwdriver from the mounting bracket while holding the solenoid valve body.

(Before mounting, confirm the installation of the interface gasket on the solenoid valve body.)

The built-in leaf spring returns the mounting bracket to its original position.

(Then confirm that the end of the mounting bracket is aligned with the side of the manifold block. Refer to the figure below.)

Similarly, to remove the valve, pull the mounting bracket and pull up the solenoid valve vertically. Use caution so that no excessive force is applied to the lead wire in mounting and removal.



Manifold base

Mounting bracket

⚠ Caution

Screwing in M5/M3 thread

After tightening by hand, tighten an additional 1/4 rotation for M3 and 1/6 rotation for M5. Overtightening may cause bending of the thread or air leakage due to deformation of the gasket. Insufficient screwing may cause loosening of the thread or air leakage.

Applicable Tubing Size

Stacking manifold

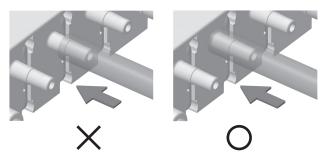
Port	Applicable tubing	Recommended tubing
1 (SUP), 3 (EXH)	ø6/ø4	TS0604/TU0604
O (OUT)	ø4/ø2.5	TS0425/TU0425
2 (OUT)	ø3.18/ø2	TIUB01

Note) In case of a body ported single unit valve, the applicable tubing size is Ø3.18/Ø2 for all 1 (SUP), 2 (OUT), and 3 (EXH) ports.

If fittings of a brand other than SMC are used, follow the specifications of the fittings to be mounted.

Tubing installation (with barb fitting)

- 1) Using tubing cutters TK-1, 2, or 3, cut the tubing perpen-dicularly to the tubing axis while allowing for sufficient margin to the required length.
- Insert the tubing and push it all the way to the barb end. If the tubing is not installed securely to the end, problems such as leakage or disconnection of the tubing can occur.
- 3) When the tubing is inserted into the barb fitting, push it in the direction of the tubing axis to prevent excessive lateral loads being applied to the barb fitting.



- 4) To remove the tubing from the barb fitting, use caution so that no excessive lateral load will be applied to the barb fitting. When using a cutter to remove the tubing, sufficient care should be taken so as not to make any flaws on the barb fitting
- After tubing installation, avoid excessive loads, such as tensile, compressive, or bending strength, being applied to the tubing.



Solenoid valve body



S070 Series Specific Product Precautions 2

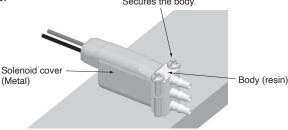
Be sure to read this before handling the products. Refer to back cover for Safety Instructions.

⚠ Caution

Mounting

1) Solenoid valve fixing procedure (body ported single unit)

When mounting a body ported type single unit valve, tighten the dedicated mounting screw (AXT632-106A-2) at an appropriate torque (0.05 to 0.07 N·m) to firmly secure the valve body. (Tighten equally so that the valve will not tilt.) If the coil is fixed, the coil joint may break due to application of an excessive load to the tubing body, for example, when the tubing is inserted. With a base mounted type solenoid valve also, use caution to avoid excessive loads on the coil and lead wire. Secures the body.



2) SS073M□□-□□C Mounting

There will be slight variations in the width of manifold blocks due to tolerance (±0.1 mm) for the SS073M \square - \square C stacking manifold type. As the manifold is made up of a combination of manifold blocks, there will be an error due to accumulated tolerance between the actual pitch dimensions of the mounting holes used to secure the manifold and the values stated in the catalog. Keep this in mind when increasing the number of stations.

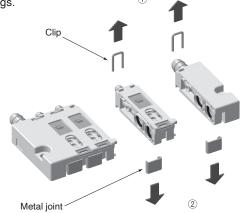
⚠ Caution

Adding and Removing Manifold Stations

1) Base mounted stacking type

- ① Remove the clip and metal joint from the position where the new station is to be mounted by pulling them in the directions indicated by the arrows.
- ② Place the additional manifold block assembly and mount the metal joint and clip by reversing the assembly order. Securely insert the clip and the metal joint so that they will not protrude from the top and bottom surfaces respectively.

The clip is commonly used to secure the manifold block and fittings. $\begin{tabular}{ll} \hline \end{tabular}$

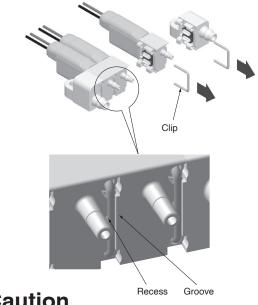


To remove the station, follow the same procedure for assembly and disassembly.

2) Body ported manifold type

- ① Remove the clip on the position where the station is to be added by pulling it in the direction indicated by the arrow. (Insert a flat head screwdriver in the recess indicated in the figure to remove the clip.)
- ② Place the additional solenoid valve into the separation and insert the clip.

Insert the clip until it fits in the groove on the body side.



⚠ Caution

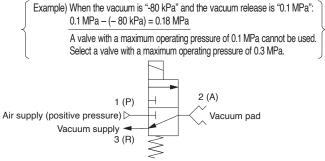
Vacuum Application

An N.C. type valve pressurized at 1 (SUP) port can be used within the maximum operating pressure differential specified for the product. If the valve is to be used in the following applications, however, care should be taken about the piping ports, maximum operating pressure differential and allowable leakage.

1) Vacuum release application

Use 3 (R) port for vacuum pressure and 1 (P) port for vacuum

- Set the pressure so that the pressure difference between the 3(R) and 1(P) ports does not exceed the maximum operating pressure of the valve.
- When the 3(R) port is used for the vacuum release (atmospheric pressure to positive pressure) and the 1(P) port is used for the vacuum, use the normally open (N.O.) specifications.



Pressure (vacuum) holding application
 This valve permits the air leakage. So, take great care since
 the valve cannot hold the pressure (vacuum) for an extended
 period of time.



S070 Series Specific Product Precautions 3

Be sure to read this before handling the products. Refer to back cover for Safety Instructions.

⚠ Caution

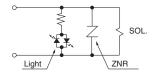
Wiring

- 1) Internal wiring
 - Grommet

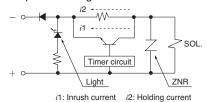
(This solenoid valve has no polarity.)



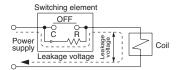
 With light/surge voltage suppressor (This solenoid valve has no polarity.)



· With 0.1 W power saving circuit



- 2) Electrical circuit
 - Adopt an electrical circuit with no chattering generated at the contact.
 - (2) Keep the voltage within the 10% range of the rated voltage. Care should be taken about the voltage drop when the rated voltage is 6 VDC or less or when the response speed is important.
 - (3) When using a C-R element (surge voltage suppressor) for protection of the switching element, please keep in mind that leakage voltage will increase due to leakage current flowing through the C-R element.



Keep the residual leakage voltage with 2% of the rated voltage.

- (4) Be sure to confirm the applied voltage. If a wrong voltage is applied, it can lead to malfunction or coil burning.
- (5) In wiring, use caution to avoid application of excessive force to the lead wire. It can cause malfunction or break the coil.

⚠ Caution

Power saving circuit of 0.1 W DC (at holding)

- 1) Keep the vibration and impact within 10/50 m/s².
- 2) Keep the voltage fluctuations within 24 VDC 5%.
- 3) The power consumption is 0.35 W DC at inrush (20 ms) and 0.1 W DC at holding.



Safety Instructions

These safety instructions are intended to prevent hazardous situations and/or equipment damage. These instructions indicate the level of potential hazard with the labels of "Caution," "Warning" or "Danger." They are all important notes for safety and must be followed in addition to International Standards (ISO/IEC) 1), and other safety regulations.

Danger indicates a hazard with a high level of risk ♠ Danger: which, if not avoided, will result in death or serious

injury.

Warning indicates a hazard with a medium level of risk Marning: which, if not avoided, could result in death or serious

Caution indicates a hazard with a low level of risk **↑** Caution: which, if not avoided, could result in minor or moderate

1) ISO 4414: Pneumatic fluid power - General rules and safety requirements for systems and their components.

ISO 4413: Hydraulic fluid power - General rules and safety requirements for systems and their components.

IEC 60204-1: Safety of machinery - Electrical equipment of machines. (Part 1: General requirements)

ISO 10218-1: Robots and robotic devices - Safety requirements for industrial robots - Part 1: Robots.

etc

Warning

1. The compatibility of the product is the responsibility of the person who designs the equipment or decides its specifications.

Since the product specified here is used under various operating conditions, its compatibility with specific equipment must be decided by the person who designs the equipment or decides its specifications based on necessary analysis and test results. The expected performance and safety assurance of the equipment will be the responsibility of the person who has determined its compatibility with the product. This person should also continuously review all specifications of the product referring to its latest catalogue information, with a view to giving due consideration to any possibility of equipment failure when configuring the equipment.

2. Only personnel with appropriate training should operate machinery

The product specified here may become unsafe if handled incorrectly. The assembly, operation and maintenance of machines or equipment including our products must be performed by an operator who is appropriately trained and experienced.

- 3. Do not service or attempt to remove product and machinery/ equipment until safety is confirmed.
 - 1. The inspection and maintenance of machinery/equipment should only be performed after measures to prevent falling or runaway of the driven objects have been confirmed.
 - 2. When the product is to be removed, confirm that the safety measures as mentioned above are implemented and the power from any appropriate source is cut, and read and understand the specific product precautions of all relevant products carefully.
 - 3. Before machinery/equipment is restarted, take measures to prevent unexpected operation and malfunction.
- 4. Our products cannot be used beyond their specifications. Our products are not developed, designed, and manufactured to be used under the following conditions or environments. Use under such conditions or environments is not covered.
 - 1. Conditions and environments outside of the given specifications, or use outdoors or in a place exposed to direct sunlight.
 - 2. Use for nuclear power, railways, aviation, space equipment, ships, vehicles, military application, equipment affecting human life, body, and property, fuel equipment, entertainment equipment, emergency shut-off circuits, press clutches, brake circuits, safety equipment, etc., and use for applications that do not conform to standard specifications such as catalogues and operation manuals.
 - 3. Use for interlock circuits, except for use with double interlock such as installing a mechanical protection function in case of failure. Please periodically inspect the product to confirm that the product is operating properly.

We develop, design, and manufacture our products to be used for automatic control equipment, and provide them for peaceful use in manufacturing industries.

Use in non-manufacturing industries is not covered.

Products we manufacture and sell cannot be used for the purpose of transactions or certification specified in the Measurement Act

The new Measurement Act prohibits use of any unit other than SI units in Japan.

Limited warranty and **Disclaimer/Compliance** Requirements

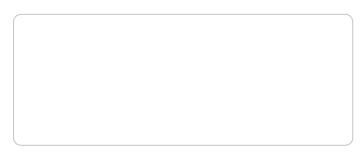
The product used is subject to the following "Limited warranty and Disclaimer" and "Compliance Requirements". Read and accept them before using the product.

Limited warranty and Disclaimer

- 1. The warranty period of the product is 1 year in service or 1.5 years after the product is delivered, whichever is first. 2) Also, the product may have specified durability, running distance or replacement parts. Please consult your nearest sales branch.
- 2. For any failure or damage reported within the warranty period which is clearly our responsibility, a replacement product or necessary parts will be provided. This limited warranty applies only to our product independently, and not to any other damage incurred due to the failure of the product.
- 3. Prior to using SMC products, please read and understand the warranty terms and disclaimers noted in the specified catalogue for the particular products.
- 2) Vacuum pads are excluded from this 1 year warranty. A vacuum pad is a consumable part, so it is warranted for a year after it is delivered. Also, even within the warranty period, the wear of a product due to the use of the vacuum pad or failure due to the deterioration of rubber material are not covered by the limited

Compliance Requirements

- 1. The use of SMC products with production equipment for the manufacture of weapons of mass destruction (WMD) or any other weapon is strictly prohibited.
- 2. The exports of SMC products or technology from one country to another are governed by the relevant security laws and regulations of the countries involved in the transaction. Prior to the shipment of a SMC product to another country, assure that all local rules governing that export are known and followed



SMC Corporation (Europe)

Austria +43 (0)2262622800 www.smc.at Belgium +32 (0)33551464 Bulgaria +359 (0)2807670 +385 (0)13707288 Croatia **Czech Republic** +420 541424611 Denmark +45 70252900 Estonia +372 651 0370 Finland +358 207513513 France +33 (0)164761000 Germany +49 (0)61034020 Greece +30 210 2717265 Hungary +36 23513000 Ireland +353 (0)14039000 Italy +39 03990691 Latvia +371 67817700

www.smc.be www.smc.bg www.smc.hr www.smc.cz www.smcdk.com www.smcee.ee www.smc.fi www.smc-france.fr www.smc.de www.smchellas.gr www.smc.hu www.smcautomation.ie www.smcitalia.it www.smc.lv

info@smc.be sales.bg@smc.com sales.hr@smc.com office.at@smc.com smc.dk@smc.com info.ee@smc.com smc.fi@smc.com supportclient.fr@smc.com info de@smc.com sales@smchellas.gr office.hu@smc.com technical.ie@smc.com mailbox.it@smc.com info lv@smc.com

office.at@smc.com

+370 5 2308118 Lithuania Netherlands +31 (0)205318888 Norway +47 67129020 +48 22 344 40 00 Poland +351 214724500 Portugal Romania +40 213205111 Russia +7 (812)3036600 Slovakia +421 (0)413213212 Slovenia +386 (0)73885412 Spain +34 945184100 Sweden +46 (0)86031240 Switzerland +41 (0)523963131 Turkey +90 212 489 0 440 UK +44 (0)845 121 5122

www.smclt.lt www.smc.nl www.smc-norge.no www.smc.pl www.smc.eu www.smcromania.ro www.smc.eu www.smc.sk www.smc.si www.smc.eu www.smc.nu www.smc.ch www.smcturkey.com.tr www.smc.uk

info.lt@smc.com info@smc.nl post.no@smc.com office.pl@smc.com apoiocliente.pt@smc.com office.ro@smc.com sales@smcru.com sales.sk@smc.com office.si@smc.com post.es@smc.com order.se@smc.com helpcenter.ch@smc.com satis.tr@smc.com sales.gb@smc.com

Sales.za@smc.com

South Africa +27 10 900 1233 www.smcza.co.za