



Instruction Manual
Series 52-SY5000/7000/9000
Solenoid operated 5 port Valve

CE 0344 Ex II 2G Ex ia II C T4...T6 Gb

Marking description
 II 2G Ex ia II C T4...T5 Gb Ta -10°C to +50°C
 II 2G Ex ia II C T6 Gb Ta -10°C to +45°C

Group II
 Category 2
 Gas group II C
 Suitable for Gas environment
 Type of Protection ia "intrinsic safety"
 'X' See DEKRA Certificate
 DEKRA 11ATEX0273 X

1 Safety Instructions

This manual contains essential information for the protection of users and others from possible injury and/or equipment damage.

- Read this manual before using the product, to ensure correct handling, and read the manuals of related apparatus before use.
- Keep this manual in a safe place for future reference.
- These instructions indicate the level of potential hazard by label of "Caution", "Warning" or "Danger", followed by important safety information which must be carefully followed.
- To ensure safety of personnel and equipment the safety instructions in this manual and the product catalogue must be observed, along with other relevant safety practices.

Caution	Indicates a hazard with a low level of risk, which if not avoided, could result in minor or moderate injury.
Warning	Indicates a hazard with a medium level of risk, which if not avoided, could result in death or serious injury.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

This product is Class A equipment that is intended for use in an industrial environment. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted as well as radiated disturbances.

- The compatibility of pneumatic equipment is the responsibility of the person who designs the pneumatic system or decides its specifications. Since the products specified here can be used in various operating conditions, their compatibility with the specific pneumatic system must be based on specifications or after analysis and/or tests to meet specific requirements.
- **Only trained personnel should operate pneumatically operated machinery and equipment.** Compressed air can be dangerous if an operator is unfamiliar with it. Assembly, handling or repair of pneumatic systems should be performed by trained and experienced personnel.
- **Do not service machinery/equipment or attempt to remove components until safety is confirmed.**
 - 1) Inspection and maintenance of machinery/equipment should only be performed after confirmation of safe locked-out control positions.
 - 2) When equipment is to be removed, confirm the safety process as mentioned above. Switch off air and electrical supplies and exhaust all residual compressed air in the system.
 - 3) Before machinery/equipment is re-started, ensure all safety measures to prevent sudden movement of cylinders etc. (Supply air into the system gradually to create back pressure, i.e. incorporate a soft-start valve).

1 Safety Instructions (continued)

- **Do not use this product outside of the specifications. Contact SMC if it is to be used in any of the following conditions:**
 - 1) Conditions and environments beyond the given specifications, or if the product is to be used outdoors.
 - 2) Installations in conjunction with atomic energy, railway, air navigation, vehicles, medical equipment, food and beverage, recreation equipment, emergency stop circuits, press applications, or safety equipment.
 - 3) An application which has the possibility of having negative effects on people, property, or animals, requiring special safety analysis.

Specific recommendations:

- Not suitable for Zones 0/20, 21 and 22. Only suitable for Zones 1 and 2.
- This product has components made of aluminium alloy. When mounting this product, it must be installed such that, even in the event of rare incidents, ignition sources due to impact and friction sparks are excluded.
- Do not energise both solenoids at the same time, as this can cause higher surface temperatures than under normal operating conditions
- The valves within the scope of this document must not be used with plastic manifolds.
- Take care to avoid ignition sources due to electrostatic charge, and use only a damp cloth to clean the product.

- Ensure that the air supply system is filtered to 5 microns.

Conformity to standards:

This product conforms to the following ATEX standards:

Electrical Apparatus for Explosive Gas Atmospheres	EN 60079-0: 2012+A11:2013 EN 60079-11: 2012
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2 Specifications

2.1 Valve Specification

Model	52-SY5000 / 7000 / 9000	
Valve construction	Pilot operated spool valve	
Fluid	Air and inert gas	
Operating pressure range	Single	0.15 to 0.7 MPa
	Double	0.1 to 0.7 MPa
	3 position	0.2 to 0.7 MPa
Ambient and fluid temperature (No freezing)	-10 to 50°C (T4, T5) -10 to 45°C (T6)	
Maximum operating frequency	2 position	1 Hz
	3 position	
Lubrication	Not required	
Mounting position	Free	
Impact/Vibration resistance (1)	150/30 m/s ²	
Enclosure	Plug connector (L)	IP30
	Plug connector (LL)	IP40
	Terminal (TT)	IP65
	Grommet (G) (2)	IP65
Rated voltage (Hazardous area)	12 VDC	
Allowable voltage fluctuation	±10% of rated voltage	
Type of coil insulation	Class B	
Power consumption	0.52 W	
ATEX classification	II 2G Ex ia II C T4...T6 Gb	
Certificate of conformity	DEKRA 11ATEX0273X	

Note 1) Impact resistance: There should be no malfunction of the valve after testing along the valve axis and at right angles to the valve and armature. Carry out each test with the valve energised and de-energised (value at initial stage).

Vibration resistance: There should be no malfunction of the valve after testing using a 8.3 to 2000Hz sweep along the valve axis and at right angles to the valve and armature. Carry out each test with the valve energised and de-energised (value at initial stage).

Note 2) Grommet type (G) is available on request.

2 Specifications (continued)

Batch codes and Construction month

The product control number is shown by two characters and two figures. The character shows Year and Month of manufacturing.

Year	2010		2011		2012		.....		2021		2022		2023		.....	
	o	P	Q	.....	Z	A	B	.....	Z	A	B	.....	Z	A	B	.....
Month	Jan	o oo	Po	Qo	.....	Zo	Ao	Bo	.....	Zo	Ao	Bo	.....	Zo	Ao	Bo	.....
Feb	P	oP	PP	QP	.....	ZP	AP	BP	.....	ZP	AP	BP	.....	ZP	AP	BP	.....
Mar	Q	oQ	PQ	QQ	.....	ZQ	AQ	BQ	.....	ZQ	AQ	BQ	.....	ZQ	AQ	BQ	.....
Apr	R	oR	PR	QR	.....	ZR	AR	BR	.....	ZR	AR	BR	.....	ZR	AR	BR	.....
May	S	oS	PS	QS	.....	ZS	AS	BS	.....	ZS	AS	BS	.....	ZS	AS	BS	.....
Jun	T	oT	PT	QT	.....	ZT	AT	BT	.....	ZT	AT	BT	.....	ZT	AT	BT	.....
Jul	U	oU	PU	QU	.....	ZU	AU	BU	.....	ZU	AU	BU	.....	ZU	AU	BU	.....
Aug	V	oV	PV	QV	.....	ZV	AV	BV	.....	ZV	AV	BV	.....	ZV	AV	BV	.....
Sep	W	oW	PW	QW	.....	ZW	AW	BW	.....	ZW	AW	BW	.....	ZW	AW	BW	.....
Oct	X	oX	PX	QX	.....	ZX	AX	BX	.....	ZX	AX	BX	.....	ZX	AX	BX	.....
Nov	y	oy	Py	Qy	.....	Zy	Ay	By	.....	Zy	Ay	By	.....	Zy	Ay	By	.....
Dec	Z	oZ	PZ	QZ	.....	ZZ	AZ	BZ	.....	ZZ	AZ	BZ	.....	ZZ	AZ	BZ	.....

The figures shows Serial number.

In the month of processing of nameplate Lot No and work order, the order in which work order has been processed is stamped to seal place.

2.2 Port Sizes

2.2.1 Sub-plate

Side-Ported

Valve series 52-SY5000, 52-SY7000 and 52-SY9000 can be mounted on a sub-plate.

Model	Port Size		
	P, EA, EB	A, B	PE, X
52-SY5000	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4	M5 x 0.8
52-SY7000	Rc, G, NPT, NPTF 3/8, 1/4	Rc, G, NPT, NPTF 3/8, 1/4	M5 x 0.8
52-SY9000	Rc, G, NPT, NPTF 3/8, 1/2	Rc, G, NPT, NPTF 3/8, 1/2	1/8"

Table 1

2.2.2 Manifold

Valve series 52-SY5000 and 52-SY7000 can be mounted on a manifold.

Type 20

Model	Port Size		
	P, EA, EB	A, B	PE, X
SS5Y5-20	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/8, C4, C6, C8	-
SS5Y7-20	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4, C8, C10	-

Table 2

Type 41 and 42

Model	Port Size		
	P, EA, EB	A, B	PE, X
SS5Y5-41	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/8, C6, C8	-
SS5Y5-42	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4, C6, C8	M5 x 0.8
SS5Y7-42	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4, C10	M5 x 0.8

Table 3

2.3 Circuit Symbolsm

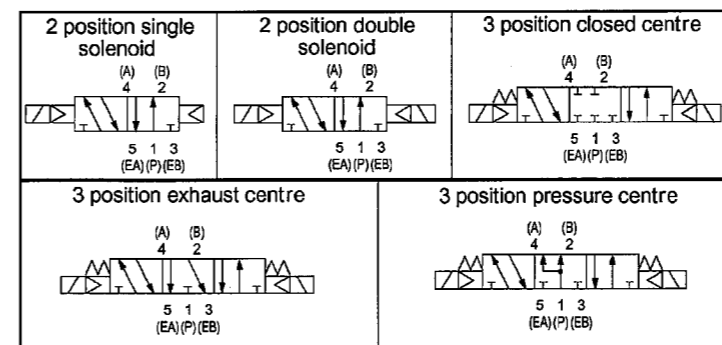


Figure 1

3 Installation

3.1 Installation

Warning

- Do not install the product unless the safety instructions have been read and understood.
- Any mounting position is possible.
- The explosive atmosphere should not be allowed to enter the pneumatic circuit, even in case of expected malfunction.
- If air leakage increases or equipment does not operate properly, stop operation. After mounting is completed, confirm that it has been done correctly by performing a suitable function test.

3.1.1 Side bracket

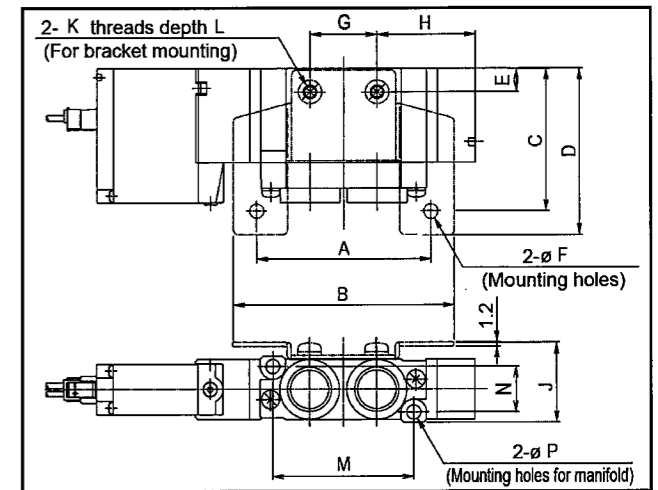


Figure 2

Model	Bracket (mm)						
	A	B	C	D	E	F	G
52-SY5000	37	45	36.7	40	16.7	3.2	22.6
52-SY7000	52	66	42.5	49.5	7	4.2	20

Model	Bracket (mm)						
	H	J	K	L	M	N	P
52-SY5000	21	20	M3	3.5	36	11.6	3.2
52-SY7000	29.4	15	M4	6.5	42	13.6	4.2

Table 4

3.1.2 Foot bracket (Single solenoid only)

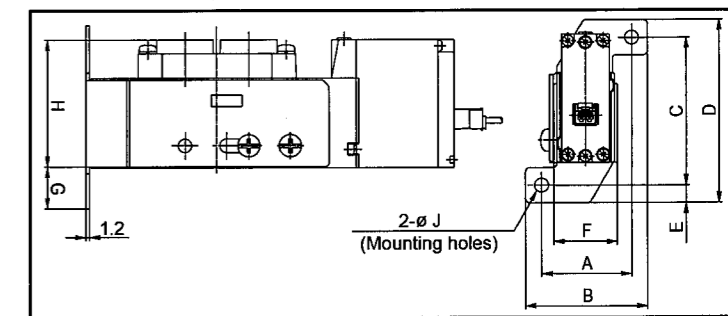


Figure 3

Model	Bracket (mm)				
	A	B	C	D	E
52-SY5000	22	29	38	47	4.5
52-SY7000	28	38	46	57	5.5

Model	Bracket (mm)			
	F	G	H	J
52-SY5000	16.6	11	32	3.2
52-SY7000	19.8	13	39.5	4.2

Table 5

3 Installation (continued)

3.1.3 Without bracket (52-SY9000 only)

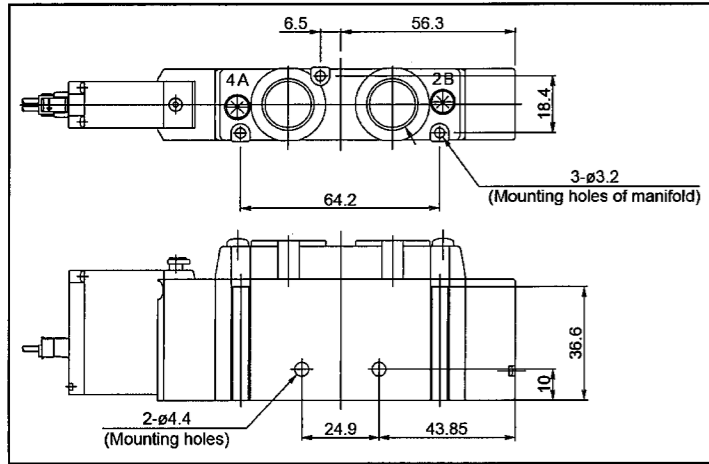


Figure 4

Note: No bracket available for 52-SY9000

3.1.4 Base mounting

52-SY5000

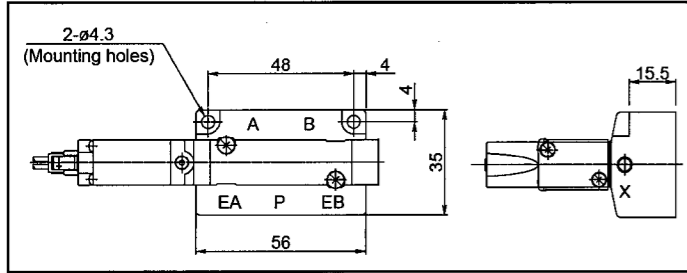


Figure 5

52-SY7000/9000

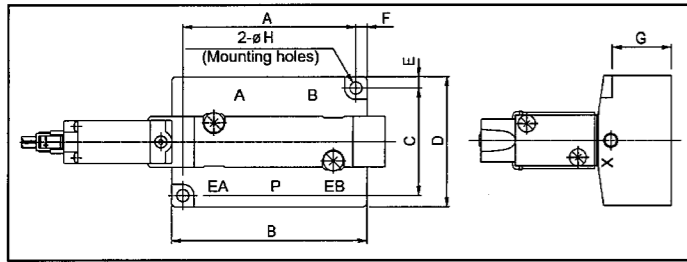


Figure 6

Model	Base Mounting holes (mm)							
	A	B	C	D	E	F	G	H
52-SY7000	61	69	38	46	4	4	21	4.3
52-SY9000	86.5	96.5	47	57	5	5	27	5.4

Table 6

3 Installation (continued)

3.1.5 Manifold mounting

Manifold Type 20

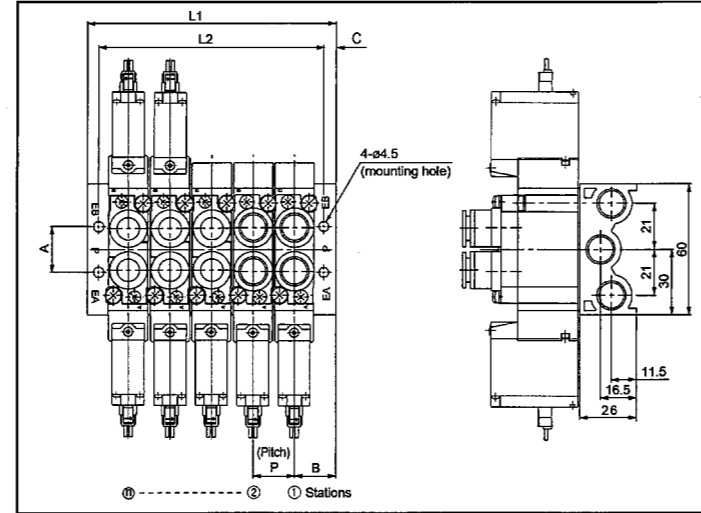


Figure 7

3 Installation (continued)

Manifold Type 41

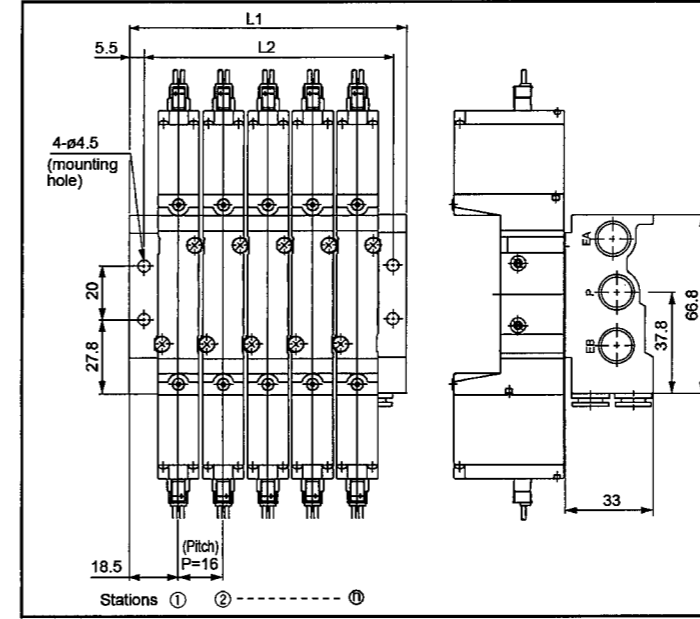


Figure 8

3 Installation (continued)

Manifold Type 42

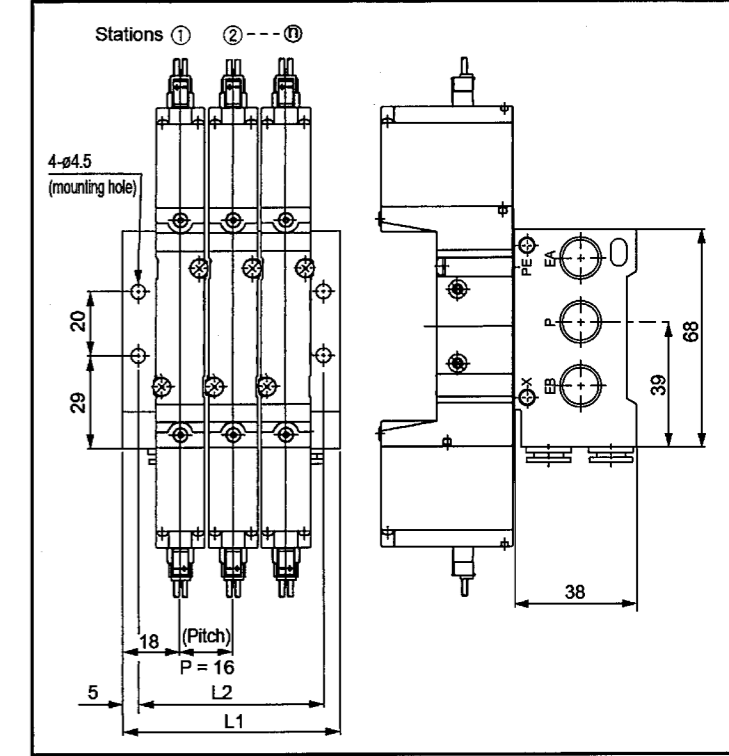


Figure 9

Model	Manifold Mounting holes (mm)								
	Stations	n	2	3	4	5	6	7	8
SS5Y5-20	L1	60	76	92	108	124	140	156	
	L2	40	56	72	88	104	120	136	
SS5Y7-20	L1	55	74	93	112	131	150	169	
	L2	46	65	84	103	122	141	160	

Model	Manifold Mounting holes (mm)								
	Stations	n	9	10	11	12	13	14	15
SS5Y5-20	L1	172	188	204	220	236	252	268	
	L2	152	168	184	200	216	232	248	
SS5Y7-20	L1	188	207	226	246	264	283	302	
	L2	179	198	217	236	255	274	293	

Model	Manifold Mounting holes (mm)						
	Stations	n	16	17	18	19	20
SS5Y5-20	L1	284	300	316	332	348	
	L2	264	280	296	312	328	
SS5Y7-20	L1	321	340	359	378	397	
	L2	312	331	350	369	388	

Table 7

Model	(mm)			
	A	B	C	P
SS5Y5-20	20	22	10	16
SS5Y7-20	21	18	4.5	19

Table 8

Model	Manifold Mounting holes (mm)								
	Stations	n	2	3	4	5	6	7	8
SS5Y5-41	L1	52.5	68.5	84.5	100.5	116.5	132.5	148.5	
	L2	42	58	74	90	106	122	138	

Model	Manifold Mounting holes (mm)								
	Stations	n	9	10	11	12	13	14	15
SS5Y5-41	L1	164.5	180.5	196.5	212.5	228.5	244.5	260.5	
	L2	154	170	186	202	218	234	250	

Model	Manifold Mounting holes (mm)						
	Stations	n	16	17	18	19	20
SS5Y5-41	L1	276.5	292.5	308.5	324.5	340.5	
	L2	266	282	298	314	330	

Table 9

Model	Manifold Mounting holes (mm)								
	Stations	n	2	3	4	5	6	7	8
SS5Y5-42	L1	52	68	84	100	116	132	148	
	L2	42	58	74	90	106	122	138	

Model	Manifold Mounting holes (mm)								
	Stations	n	9	10	11	12	13	14	15
SS5Y5-42	L1	164	180	196	212	228	244	260	
	L2	154	170	186	202	218	234	250	

Model	Manifold Mounting holes (mm)						
	Stations	n	16	17	18	19	20
SS5Y5-42	L1	276	292	308	324	340	
	L2	266	282	298	314	330	

Table 10

3 Installation (continued)

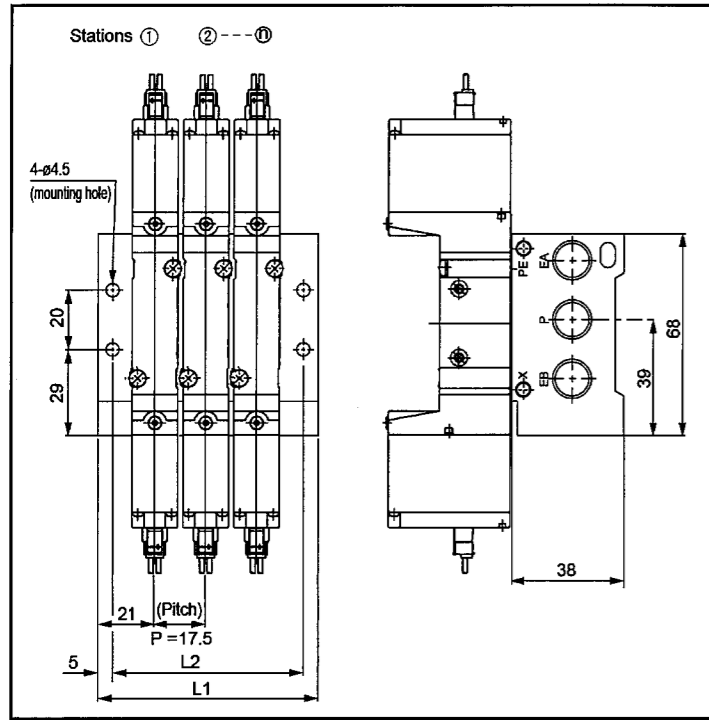


Figure 10

3 Installation (continued)

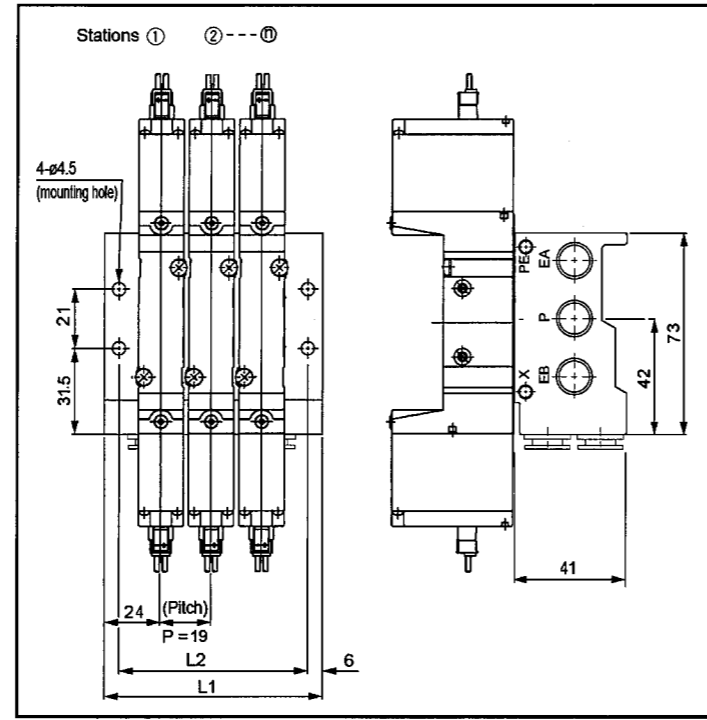


Figure 11

Model	Manifold Mounting holes (mm)								
	Stations	n	2	3	4	5	6	7	8
SS5Y5-42-# - 02	L1	59.5	77	94.5	112	129.5	147	164.5	
	L2	49.5	67	84.5	102	119.5	137	154.5	
Model	Manifold Mounting holes (mm)								
	Stations	n	9	10	11	12	13	14	15
SS5Y5-42-# - 02	L1	182	199.5	217	234.5	252	269.5	287	
	L2	172	189.5	207	224.5	242	259.5	277	
Model	Manifold Mounting holes (mm)								
	Stations	n	16	17	18	19	20		
SS5Y5-42-# - 02	L1	304.5	322	339.5	357	374.5			
	L2	294.5	312	329.5	347	364.5			

Table 11

Model	Manifold Mounting holes (mm)								
	Stations	n	2	3	4	5	6	7	8
SS5Y7-42	L1	61	80	99	118	137	156	175	
	L2	49	68	87	106	125	144	163	
Model	Manifold Mounting holes (mm)								
	Stations	n	9	10	11	12	13	14	15
SS5Y7-42	L1	194	213	232	251	270	289	308	
	L2	182	201	220	239	258	277	296	
Model	Manifold Mounting holes (mm)								
	Stations	n	16	17	18	19	20		
SS5Y7-42	L1	327	346	365	384	403			
	L2	315	334	353	372	391			

Table 12

3.2 Environment

- Do not use in an environment where corrosive gases, chemicals, salt water or steam are present.
- Do not use in an explosive atmosphere, except Zones 1 and 2.
- Do not expose to direct sunlight. Use a suitable protective cover.
- Do not install in a location subject to vibration or impact. Check the product specifications.
- Do not mount in a location exposed to radiant heat.

3.3 Piping

- Before piping make sure to clean up chips, cutting oil, dust etc.
- When installing piping or fittings, ensure sealant material does not enter inside the port. When using seal tape, leave 1.5 to 2 threads exposed on the end of the pipe/fitting.

3 Installation (continued)

- Use antistatic tubing if required by the application.
- Tighten fittings to the specified tightening torque.

Thread	Tightening Torque N•m
M5 x 0.8	By hand + 1/6 turn with the wrench (1/4 turn for miniature fittings)
Rc 1/8	7 to 9
Rc 1/4	12 to 14
Rc 3/8	22 to 24
Rc 1/2	28 to 30
Rc 2	48 to 50

Table 13

One-touch fittings:

Tube attachment

- Take a tube having no flaws on its periphery and cut it off at a right angle. When cutting the tube, use tube cutters TK-1, 2 or 3. Do not use pincers, nippers or scissors etc. If cutting is done with tools other than tube cutters, the tube may be cut diagonally or become flattened etc., making a secure installation impossible, and causing problems such as the tube pulling out after installation or air leakage. Allow some extra length in the tube.
- Grasp the tube and push it in slowly, inserting it securely all the way into the fitting.
- After inserting the tube, pull on it lightly to confirm that it will not come out. If it is not installed securely all the way into the fitting this can cause problems such as air leakage or the tube pulling out.

Tube detachment

- Push in the release bushing sufficiently and push the collar at the same time.

- Pull out the tube while holding down the release bushing so that it does not come out. If the release bushing is not pressed down sufficiently there will be increased bite on the tube and it will become more difficult to pull out.
- When the removed tube is to be used again, cut off the portion what has been chewed before re-using it. If the chewed portion of the tube is used as is, this can cause problems such as air leakage or difficulty in removing the tube from the fitting.

Precautions on other tube brands

- When using other than SMC brand tubes, confirm that the following specifications are satisfied with respect to the outside diameter tolerance of the tube.
 - Nylon tube ±0.1mm
 - Soft nylon tube ±0.1mm
 - Polyurethane tube +0.15mm / - 0.2mm
- Do not use tubes that do not meet these outside diameter tolerances. It may not be possible to connect them, or they may cause other problems, such as air leakage or the tube pulling out after connection.
- The recommended tube for the clean fitting is polyolefin tube.
- Please note; Other tubes can satisfy the performance in terms of leakage, tensile strength, etc., but impair the cleanliness.

3 Installation (continued)

3.3.1 Valve

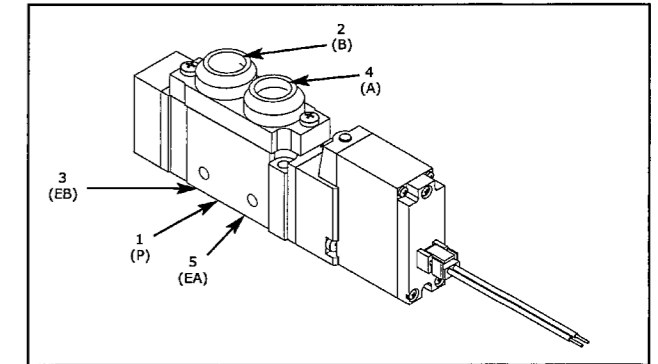


Figure 12

Model	Port Size		
	P, EA, EB	A, B	PE, X
52-SY5000	Rc, G, NPT, NPTF 1/8, C4, C6, C8, N3, N7, N9		
52-SY7000	Rc, G, NPT, NPTF 1/4, C8, C10, N9, N11		
52-SY9000	Rc, G, NPT, NPTF 1/4, 3/8, C8, C10, C12, N9, N11		

Table 14

3.3.2 Base mounted

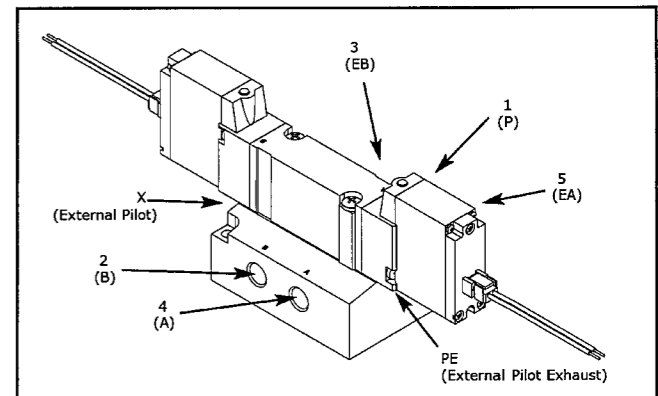


Figure 13

Model	Port Size		
	P, EA, EB	A, B	PE, X
52-SY5000	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4	M5 x 0.8
52-SY7000	Rc, G, NPT, NPTF 3/8, 1/4	Rc, G, NPT, NPTF 3/8, 1/4	M5 x 0.8
52-SY9000	Rc, G, NPT, NPTF 3/8, 1/2	Rc, G, NPT, NPTF 3/8, 1/2	1/8"

Table 15

3 Installation (continued)

3.3.3 Manifold – Type 20

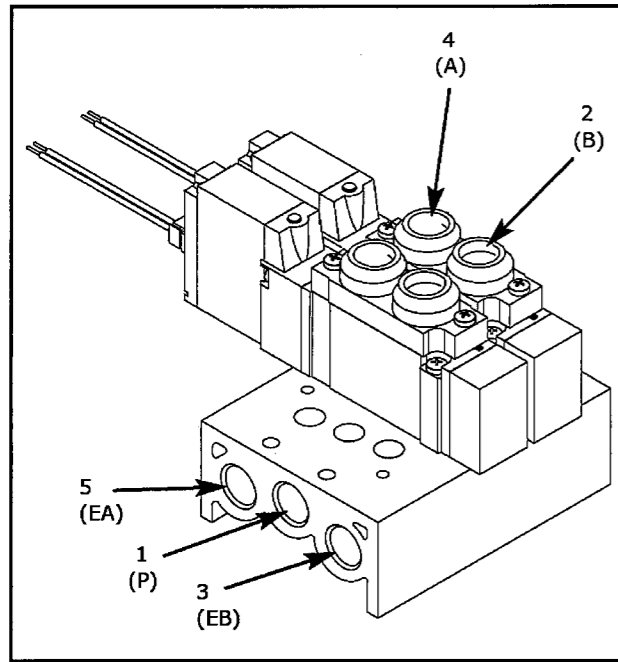


Figure 14

Model	Port Size	
	P, EA, EB	A, B
SS5Y5-20	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/8, C4, C6, C8
SS5Y7-20	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4, C8, C10

Table 16

3.3.4 Manifold – Type 41 and 42

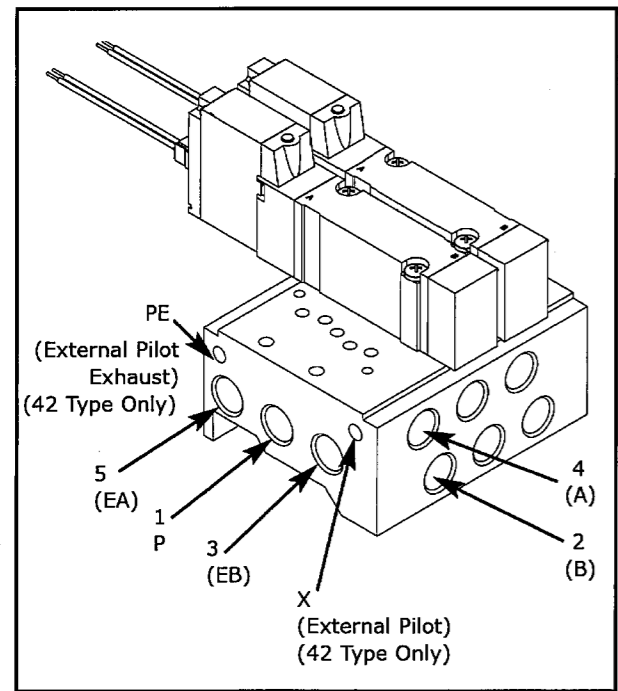


Figure 15

Model	Port Size		
	P, EA, EB	A, B	PE, X
SS5Y5-41	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/8, C6, C8	-
SS5Y5-42	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4, C6, C8	M5 x 0.8
SS5Y7-42	Rc, G, NPT, NPTF 1/4	Rc, G, NPT, NPTF 1/4, C10	M5 x 0.8

Table 17

3 Installation (continued)

3.4 Electrical Connection

Caution

- Ensure power is off before connecting.

3.4.1 Plug connector types (L and LL)

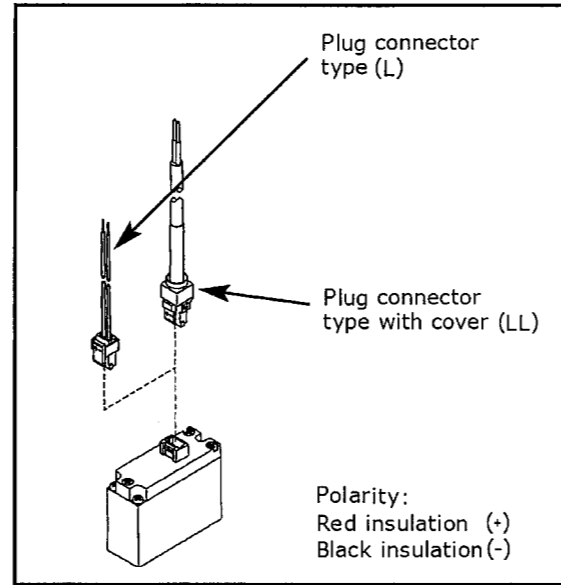


Figure 16

3.4.2 Terminal type (TT)

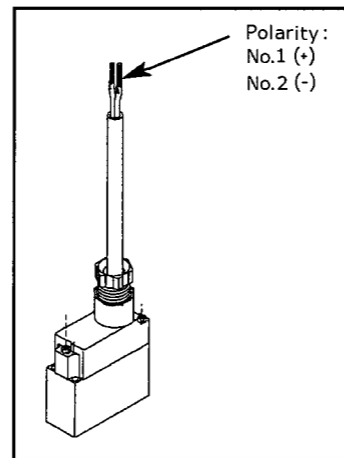


Figure 17

3.4.3 Grommet type (G) – Available on request

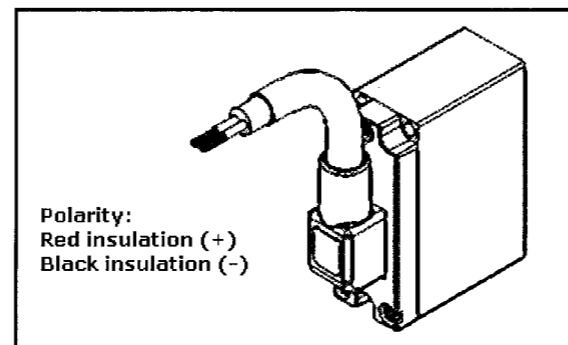


Figure 18

3 Installation (continued)

Warning

- This product must be connected in accordance with the +/- polarity indication.
- This product must be connected to a certified intrinsically safe circuit (e.g. Zener barrier) for apparatus group IIC with the following maximum values:
 $U_i = 28V$
 $I_i = 225mA$ (resistively limited)
 $P_i = 1W$
 $C_i = 0nF$
 $L_i = 0mH$

Confirm the solenoid input voltage at the lead wires is 12VDC +/-10%. The resistance of the solenoid valve is $R_{20} = 278\Omega$.

- Do not bend or pull cables repeatedly.

3.5 Electrical circuit

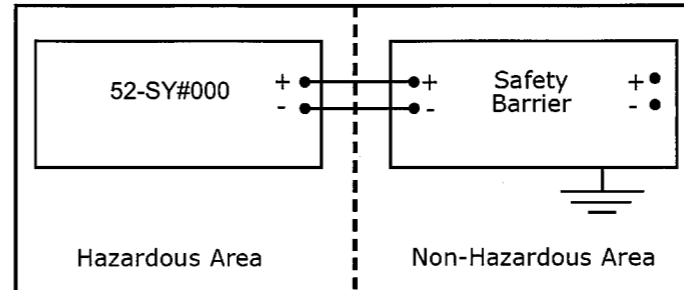


Figure 19

3.6 Lubrication

Caution

- SMC products have been lubricated for life at manufacture, and do not require lubrication in service.
- If a lubricant is used in the system, use turbine oil Class 1 (no additive), ISO VG32. Once lubricant is used in the system, lubrication must be continued because the original lubricant applied during manufacturing will be washed away.

4 Settings

4.1 Manual Override

Warning

- Ensure conditions are safe, since connected equipment will operate when manual override is performed.

Non-locking push type (see Figure 20)

- Push on the manual override button using a small-bladed screwdriver or suitable tool until it stops ON.
- Hold this position for the duration of the check (ON position).
- Release the button and the override will re-set to OFF position.

4 Settings (continued)

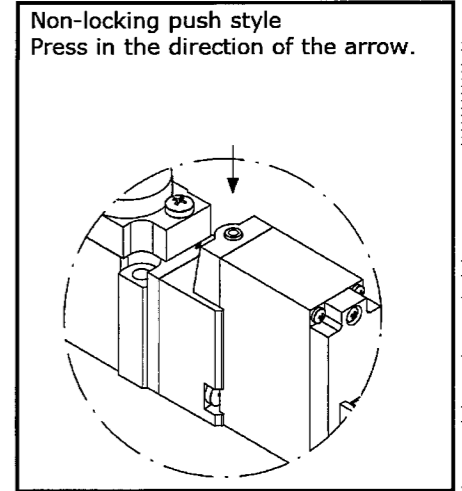


Figure 20

Push-locking slotted type (see Figure 21)

To lock :

- Using a small-bladed screwdriver in the slot, push the manual override button down until it stops.
- Turn the override button 90° in the direction of the arrow until it stops (ON position).
- Remove the screwdriver.

Warning

In this position the manual override is in the locked 'ON' position.

To unlock :

- Place a small-bladed screwdriver in the slot, push the manual override

button.

- Turn the override button 90° in the reverse direction of the arrow.
- Remove the screwdriver and the manual override will re-set to the OFF position.

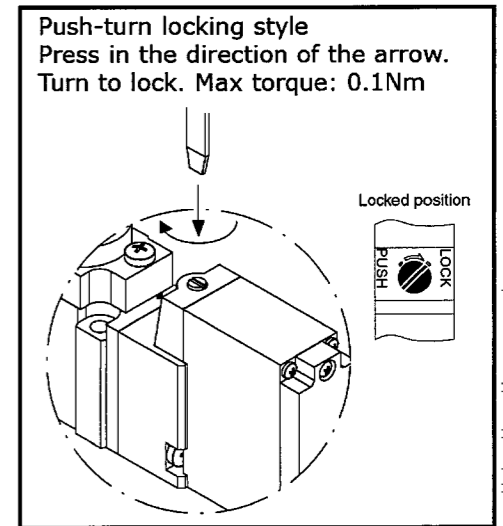


Figure 21

Locking lever (slotted) type (see Figure 22)

To lock

- Push the manual override lever down until it stops.
- Manually turn the lever 90° in the direction of the arrow until it stops (ON position).
- A small-bladed screwdriver may be used in the slot, if needed.

Warning

In this position the manual override is in the locked 'ON' position.

4 Settings (continued)

To unlock

- Push the manual override lever down.
- Manually turn the override lever 90° in the reverse direction of the arrow
- The manual override will re-set to the OFF position.

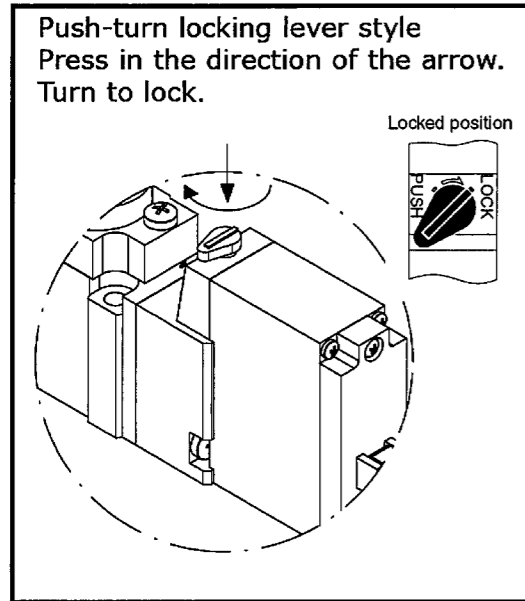


Figure 22

Caution

- When locking the manual override on the push-turn locking types, be sure to push down before turning, or damage may occur to the manual override, which may cause problems, such as leakage.

5 How to Order

Refer to the catalogue for this product.

6 Outline Dimensions (mm)

Refer to the catalogue for this product.

7 Maintenance

7.1 General Maintenance

Caution

- Not following proper maintenance procedures could cause the product to malfunction and lead to equipment damage.
- If handled improperly, compressed air can be dangerous. Maintenance of pneumatic systems should be performed only by qualified personnel.
- Before performing maintenance, turn off the power supply and be sure to cut off the supply pressure. Confirm that the air is released to atmosphere.
- After installation and maintenance, apply operating pressure and power to the equipment and perform appropriate functional and leakage tests to make sure the equipment is installed correctly.
- Do not make any modification to the product.
- Do not disassemble the product, unless required by installation or maintenance instructions.

7.2 Valve removal

Warning

- Shut off the air supply and release the air pressure in the system.
- Shut off the power supply.
- Remove valve mounting screws, M3 (52-SY5000) or M4 (52-SY7000) and carefully remove valve, ensuring the gasket is retained.

7 Maintenance (continued)

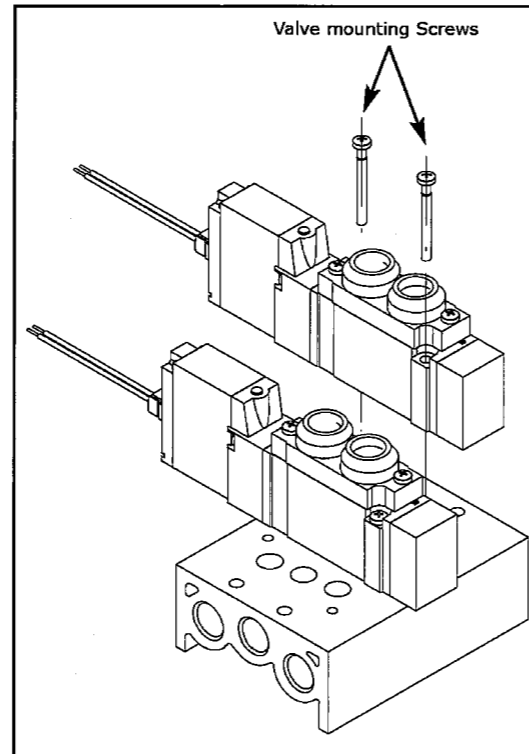


Figure 23

7.2.1 Reassembling valve (see Figure 23)

- Reassemble valve to manifold, ensuring gasket is present.
- Tighten screws to torque according to Table 18.

Thread	Tightening Torque N•m
M3 x 0.5	0.7 to 0.8
M4 x 0.7	1.3 to 1.4

Table 18

8 Limitations of Use

Caution

- Do not exceed any of the specifications laid out in section 2 of this document or the specific product catalogue.

8.1 Confirm the specifications

- Give careful consideration to the operating conditions such as the application and environment, and use within the operating ranges specified in the catalogue.

8.2 Maintenance space

- The installation should allow sufficient space for maintenance activities.

8.3 Extended periods of energisation

- When a solenoid valve is continuously energised, for long periods of time, temperature increase from coil heat radiated can result in deteriorating performance and shortened service life of the solenoid valve, as well as adverse effects on peripheral equipment.
- Be especially careful when using three or more adjacent valves on manifold and keeping them continuously energised for extended periods, as this may result in dramatic increase in temperature.

8.4 Filters and strainers:

- Be careful regarding clogging of filters and strainers.
- Replace filter elements after one year of use, or earlier, if the pressure drop reaches 0.1MPa.
- Clean strainers when the pressure drop reaches 0.1Mpa.

8 Limitations of Use (continued)

8.5 Drain flushing:

- Remove drainage from air filters regularly. (Refer to the specifications).

9 Contacts

Refer to Declaration of Conformity and www.smcworld.com for contacts.

SMC Corporation

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