# **SMC** Information

SMC Corporation

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08-EU544-UK

# D-KS Printing NS 12200KS With hexagonal

hole

# Modular Adapter Series E210/310/410



Easy connection to existing products!

# Spacer with bracket Air filter Modular adapter

#### Flexible mounting

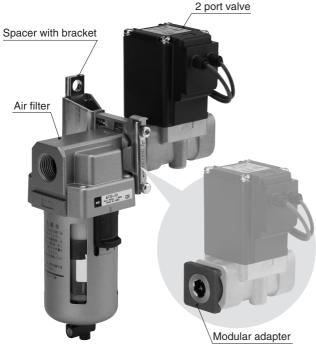
- Can be connected to existing products such as 2 port valves as well as F.R.L. Unit
- Can be freely rotated, thus allowing a wide selection of mounting directions
- Can be connected to existing products of different size Ex.: AF30+ARG20

#### Reduced space/piping maintenance cost

- Can be connected/disconnected without rotation
- Fittings, tube, etc. are not required for connection
- \* Refer to page 7 to 10 for applicable products.

## **Mounting Example**

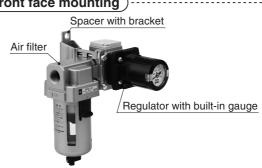
## Air filter + 2 port valve



#### Air filter + Regulator with built-in gauge handle

● Location of the pressure gauge can be fixed depending on the installation location.



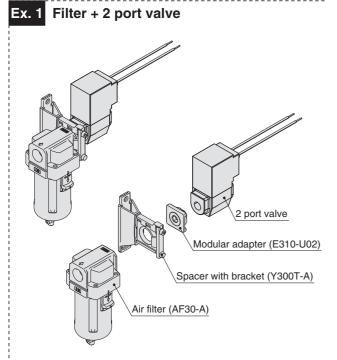


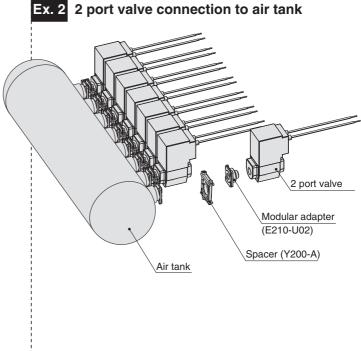
#### Ex. 2: Tilted position mounting

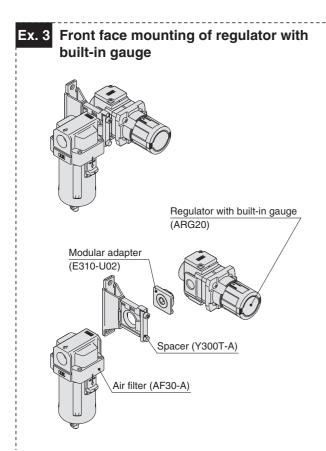


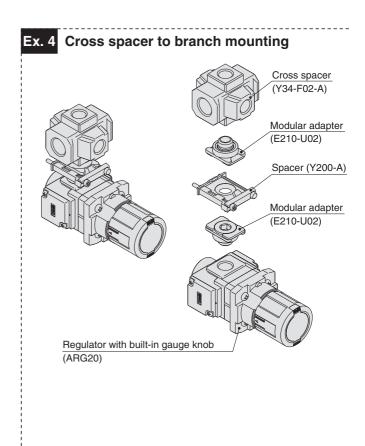


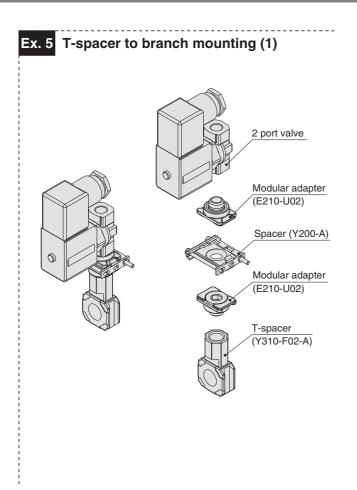
#### **Application Examples**

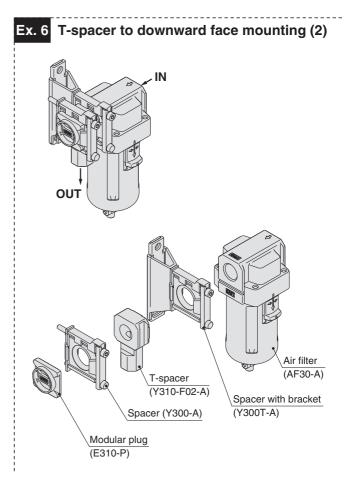


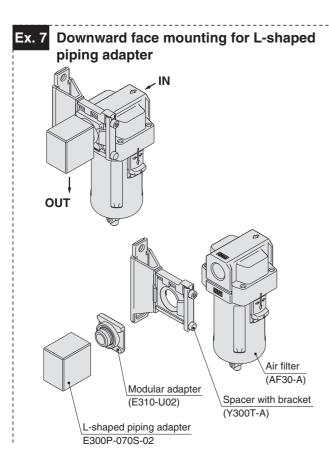






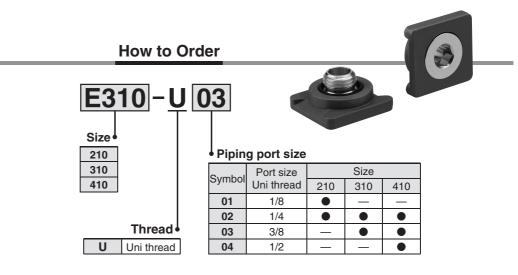






# **Modular Adapter**

# Series E210/310/410



#### **Specifications**

Model	E2	E210 E310 E410					
Port size	1/8	1/4	1/4	3/8	1/4	3/8	1/2
Piping I.D.	ø6	ø8	ø8	ø10	ø8	ø10	ø12
Fluid	Air						
Ambient and fluid temperature		−5 to 60 °C (No freezing)					
Proof pressure		1.5 MPa					
Maximum operating pressure	1.0 MPa						
Mass (g)	26	25	38	38	60	62	68

#### **Applicable Attachment Part Number**

Applicable models	E210	E310	E410
Spacer	Y200-A	Y300-A	Y400-A
Spacer with bracket	Y200T-A	Y300T-A	Y400T-A

<sup>\*</sup> Refer to page 6 for detailed dimensions.

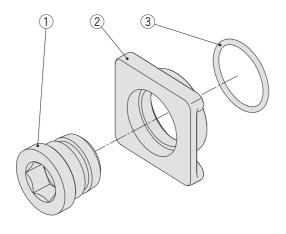


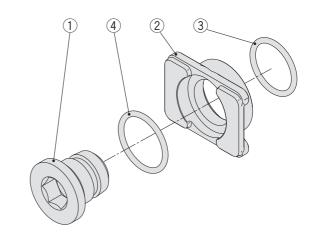


#### Construction

E210-U01 E310-U02, U03 E410-U02, U03, U04







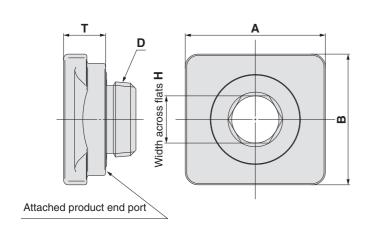
**Component parts** 

No.	Description	Material
1	Joint nipple	Brass
2	Adapter	Zinc die-cast

Replacement parts

				Part no.						
No.	Description	Material	E010 1101	F010 1101 F010 1100		E310-U03	E410 1104			
		E210-U01	E210-U02	E410-U02	E410-U03	E410-U04				
3	O-ring	NBR	E210P-040S	E210P-030S	E210P-030S	E310P-030S	E410P-030S			
4	O-ring	NBR	_	E210P-050S	_	_	_			

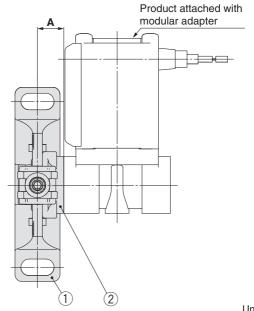
#### **Dimensions**



Unit: mm

Part no.	<b>D</b> Uni thread	Α	В	Т	Width across flats <b>H</b>
E210-U01	1/8	28	21		6
E210-U02	1/4	20	21		8
E310-U02	1/4	30	28		8
E310-U03	3/8	30	20	9	10
E410-U02	1/4				8
E410-U03	3/8	36	36		10
E410-U04	1/2				12

#### **Mounting Dimensions**



Unit: mm

Spacer with bracket	② Modular adapter	Α
Y200T-A	E210-U01 to U02	10.6
Y300T-A	E310-U02 to U03	11.1
Y400T-A	E410-U02 to U04	11.6

Note) Y200 to Y400 spacers share the same dimensions.

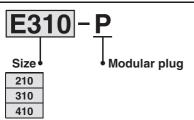


# Series E210/310/410

## Option

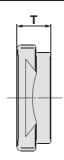
#### **Modular Plug**

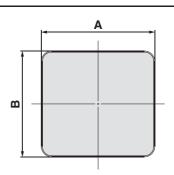
#### **How to Order**





#### **Dimensions**





Unit: mm

				Applicable spacer		
Part no.	Α	В	Т	Spacer	Spacer with bracket	
E210-P	28	21		Y200-A	Y200T-A	
E310-P	30	28	9	Y300-A	Y300T-A	
E410-P	36	36		Y400-A	Y400T-A	

#### **L-Shaped Piping Adapter**

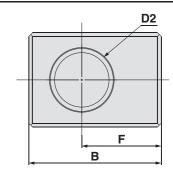
#### **How to Order**

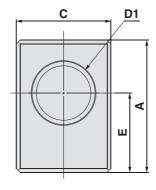


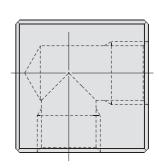
Symbol	Port size	Size		
Syllibol	Rc	300	400	
02	1/4	•	_	
03 3/8		•	•	
04	1/2	_	•	



#### **Dimensions**





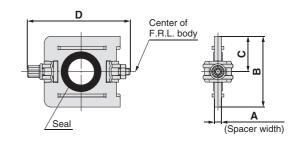


|--|

Pert no.	D1	D2	Α	В	С	Е	F
E300P-070S-02	Rc1/4	Rc1/4	32	32	20	21	21
E300P-070S-03	Rc3/8	Rc3/8	35	35	25	21	21
E400P-070S-03	Rc3/8	Rc3/8	45	45	25	27.5	27.5
E400P-070S-04	Rc1/2	Rc1/2	45	45	30	27.5	27.5

#### **Spacer**





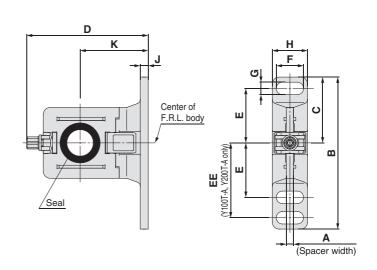
Model	Α	В	С	D	Applicable model
Y200-A	3.2	31.2	15.6	44.9	E210
Y300-A	4.2	43.4	21.7	57.9	E310
Y400-A	5.2	53	26.5	68.5	E410

#### Replacement parts

Description	Material	Part no.			
Description	Material	Y200-A	Y300-A	Y400-A	
Seal	HNBR	Y220P-050S	Y320P-050S	Y420P-050S	

#### **Spacer with Bracket**





Model	Α	В	С	D	Е	EE	F	G	Н	J	K	Applicable model
Y200T-A	3.2	67	29	53.4	24	33	12	5.5	15.5	3.5	30	E210
Y300T-A	4.2	82	41	71.5	35	_	14	7	19	4	41	E310
Y400T-A	5.2	96	48	86.1	40	_	18	9	26	5	50	E410

#### Replacement parts

Description	Meterial		Part no.	
Description	escription Material —		Y300T-A	Y400T-A
Seal	HNBR	Y220P-050S	Y320P-050S	Y420P-050S



# Series **E210/310/410**

# **Applicable Product List**

Please consult SMC for any products other than those listed below.

Name   Model   Port   Lead wire entry   Do Not   Not	Applicable model						Modular adapter							
VP344   1/8   E: Grommet terminal. L/M: plug connector	Name	Model		Lead wire entry	E210-001	E210-U02	E310-U02	E310-U03	E410-U02	E410-003	E410-004			
VP344   VP344     T: Conduit terminal	3 port solenoid valve			G: Grommet	•									
VP344   D/Y: DIN terminal			1/8	E: Grommet terminal. L/M: plug connector	•									
VP344   G: Grommet terminal. L/M: plug connector   T: Conduit terminal   O   O   O   O   O   O   O   O   O	3		1/0	T: Conduit terminal	•									
1/4   E: Grommet terminal. L/M: plug connector		VP344		D/Y: DIN terminal	•									
1/4		VI 544		G: Grommet		•	•		•					
T: Conduit terminal			1/4	E: Grommet terminal. L/M: plug connector		•	•		•					
VP544			1/4	T: Conduit terminal		•	•		•					
VP544   E: Grommet terminal. L/M: plug connector	S			D/Y: DIN terminal		•	•		•					
VP544   T: Conduit terminal				G: Grommet		•	•		•					
VP544   VP544			1/4	E: Grommet terminal. L/M: plug connector		•	•		•					
VP344   Signal   G: Grommet			1/4	T: Conduit terminal		•	•		•					
Signal   S	п	VDE44		D/Y: DIN terminal		•	•		•					
VP744   VCA31   VCA31   VCA31   VCA41   VCA		VP544	3/8	G: Grommet				•		•				
T: Conduit terminal	W			E: Grommet terminal. L/M: plug connector				•		•				
VP744   3/8   G: Grommet   E: Grommet terminal. L/M: plug connector   T: Conduit terminal   D/Y: DIN terminal   D/DL: DIN terminal   D/DL				T: Conduit terminal				•		•				
VP744   3/8   E: Grommet terminal. L/M: plug connector   T: Conduit terminal   D/Y: DIN terminal   D/Y: D/Y: D/Y: D/Y: D/Y: D/Y: D/Y: D/Y:				D/Y: DIN terminal				•		•				
T: Conduit terminal		VD744		G: Grommet				•		•				
T: Conduit terminal	50		3/8	E: Grommet terminal. L/M: plug connector				•		•				
VCA31   1/4		VP/44		T: Conduit terminal				•		•				
VCA31   1/4				D/Y: DIN terminal				•		•				
VCA31         1/4         T/TL: Conduit terminal D/DL: DIN terminal         ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	Direct operated			G: Grommet		•	•		•					
VCA31   T/TL: Conduit terminal	2 port solenoid valve for air		1/4	C: Conduit		•	•		•					
VCA31   G: Grommet			1/4	T/TL: Conduit terminal		•	•		•					
Sample   G: Grommet   G: C: Conduit   T/TL: Conduit terminal   G: Grommet   G: Grommet   G: Grommet   G: Grommet   G: Grommet   G: C: Conduit   G: C: Conduit   G: Grommet		VCA21		D/DL: DIN terminal		•	•		Δ					
VCA41   T/TL: Conduit terminal		VCASI		G: Grommet				•		•				
T/TL: Conduit terminal			2/0	C: Conduit				•		•				
VCA41   3/8   G: Grommet	COSA		3/0	T/TL: Conduit terminal				•		•				
VCA41         C: Conduit				D/DL: DIN terminal				•		Δ				
VCA41         T/TL: Conduit terminal D/DL: DIN terminal G: Grommet         • • • • • • • • • • • • • • • • • • •				G: Grommet				•		•				
VCA41         T/TL: Conduit terminal         • • • • • • • • • • • • • • • • • • •			2/0	C: Conduit				•		•				
G: Grommet			3/8	T/TL: Conduit terminal				•		•				
G: Grommet  C: Conduit  T/TL: Conduit terminal  G: Grommet  □  □  □  □  □  □  □  □  □  □  □  □  □		VCA41		D/DL: DIN terminal				•		•				
T/TL: Conduit terminal		VCA41		G: Grommet							•			
T/TL: Conduit terminal			1/0	C: Conduit							•			
D/DL: DIN terminal			1/2	T/TL: Conduit terminal							•			
				D/DL: DIN terminal							•			

Note 1) Of the VCA series, only the coil direction-changed model X64 (90° rotation) and X65 (270° rotation) can be attached. Note 2) This is a table for the renewed VP series. The external pilot version cannot be attached.



# Modular Adapter *Series E210/310/410*

		Applica	able model			Modu		lapte	r	
Name	Model	Port size	Lead wire entry	E210-U01	E210-U02	E310-U02	E310-U03	E410-U02	E410-U03	E410-004
Direct operated 2 port solenoid valve			G: Grommet	•						
			GR: Grommet (with full-wave rectifier)	•						
			C: Conduit	•						
	VX21	1/8	CR: Conduit (with full-wave rectifier)	•						
	V // _	1/0	T: Conduit terminal	•						
			TR: Conduit terminal (with full-wave rectifier)	•						
			D: DIN terminal	•						
			DR: DIN terminal (with full-wave rectifier)	•						
			G: Grommet		•	•		•		
			GR: Grommet (with full-wave rectifier)		•	Δ		Δ		
			C: Conduit		•	•		•		
	VX21	1/4	CR: Conduit (with full-wave rectifier)		•	Δ		Δ		
			T: Conduit terminal		•	•		•		
			TR: Conduit terminal (with full-wave rectifier)		•	Δ		Δ		
			D: DIN terminal		•	Δ		Δ		
			DR: DIN terminal (with full-wave rectifier)		•	Δ		Δ		
			G: Grommet		•	•		•		
	VX222 VX223 VX224	1/4	GR: Grommet (with full-wave rectifier)		•	•		•		
•			C: Conduit			•				
			CR: Conduit (with full-wave rectifier)			•				
			T: Conduit terminal							
			TR: Conduit terminal (with full-wave rectifier)  D: DIN terminal			•		^		
			DR: DIN terminal (with full-wave rectifier)			•				
			G: Grommet			•		•		
			GR: Grommet (with full-wave rectifier)			•		•		
			C: Conduit			•		•		
			CR: Conduit (with full-wave rectifier)		•	•		•		
		1/4	T: Conduit terminal			•				
			TR: Conduit terminal (with full-wave rectifier)			•				
			D: DIN terminal		Δ	Δ				
			DR: DIN terminal (with full-wave rectifier)		•	•		•		
			G: Grommet				•		•	
			GR: Grommet (with full-wave rectifier)				•		•	
			C: Conduit				•		•	
	VX225	2 /2	CR: Conduit (with full-wave rectifier)				•		•	
	VX226	3/8	T: Conduit terminal				•		•	
			TR: Conduit terminal (with full-wave rectifier)				•		•	
			D: DIN terminal				Δ		Δ	
			DR: DIN terminal (with full-wave rectifier)				•		•	
			G: Grommet							•
			GR: Grommet (with full-wave rectifier)							
			C: Conduit							•
		1/0	CR: Conduit (with full-wave rectifier)							•
		1/2	T: Conduit terminal							•
			TR: Conduit terminal (with full-wave rectifier)							•
			D: DIN terminal							Δ
			DR: DIN terminal (with full-wave rectifier)							•

Note 1)  $\triangle$ : Interference problems could occur depending on the lead wire direction.

Note 2) Because of vibrations on both products, chattering will occur when the VX2 series are attached directly to a regulator. Please avoid this.



# Series **E210/310/410**

# **Applicable Product List**

Please consult with SMC for any other products other than these listed below.

Applicable model						Modular adapter							
Name	Model	Port size	Lead wire entry	E210-U01	E210-U02	E310-U02	E310-U03	E410-U02	E410-U03	E410-U04			
Direct operated 2 port solenoid valve			G: Grommet		•	•		•					
			GR: Grommet (with full-wave rectifier)		•	•		•					
	VX232		C: Conduit		•	•		•					
	VX232 VX233	1/4	CR: Conduit (with full-wave rectifier)		•	•		•					
	VX233 VX234	1/4	T: Conduit terminal		•	•		•					
	V A 2 3 4		TR: Conduit terminal (with full-wave rectifier)		•	•		•					
			D: DIN terminal		•	•		•					
			DR: DIN terminal (with full-wave rectifier)		•	•		•					
			G: Grommet		•	•		•					
			GR: Grommet (with full-wave rectifier)		•	•		•					
		1/4	C: Conduit		•	•		•					
			CR: Conduit (with full-wave rectifier)		•	•		•					
			T: Conduit terminal		•	•		•					
			TR: Conduit terminal (with full-wave rectifier)		•	•		•					
			D: DIN terminal		•	•		•					
			DR: DIN terminal (with full-wave rectifier)		•	•		•					
			G: Grommet				•		•				
			GR: Grommet(with full-wave rectifier)				•		•				
			C: Conduit				•		•				
	VX235	2/0	CR: Conduit (with full-wave rectifier)				•		•				
	VX236	3/8	T: Conduit terminal				•		•				
			TR: Conduit terminal (with full-wave rectifier)				•		•				
			D: DIN terminal				•		•				
			DR: DIN terminal (with full-wave rectifier)				•		•				
			G: Grommet										
			GR: Grommet (with full-wave rectifier)										
			C: Conduit										
		1/2	CR: Conduit (with full-wave rectifier)							•			
		1/2	T: Conduit terminal							•			
			TR: Conduit terminal (with full-wave rectifier)							•			
			D: DIN terminal							Δ			
			DR: DIN terminal (with full-wave rectifier)							•			
Note 1) △: Interference problems could occur de	ependina on t	he lead v	vire direction.										

Note 1)  $\triangle$ : Interference problems could occur depending on the lead wire direction.

Note 2) Because of vibrations on both products, chattering will occur when the VX2 series are attached directly to a regulator. Please avoid this.



# Modular Adapter *Series E210/310/410*

	Applica	ble mod	del			Modu	lar ac	lapte	r	
Name	Model	Port size	Lead wire entry	E210-U01	E210-U02	E310-U02	E310-U03	E410-U02	E410-U03	E410-004
Pilot operated 2 port solenoid valve			G: Grommet GR: Grommet (with full-wave rectifier) C: Conduit		•	•		•		
	VXD213	1/4	CR: Conduit (with full-wave rectifier) T: Conduit terminal		•	•		•		
			TR: Conduit terminal (with full-wave rectifier)  D: DIN terminal  DR: DIN terminal (with full-wave rectifier)		Δ	Δ		Δ		
	VXD213	1/2	G: Grommet GR: Grommet (with full-wave rectifier) C: Conduit CR: Conduit (with full-wave rectifier) T: Conduit terminal TR: Conduit terminal (with full-wave rectifier) D: DIN terminal DR: DIN terminal (with full-wave rectifier)							
	VXD214	3/8	G: Grommet GR: Grommet (with full-wave rectifier) C: Conduit CR: Conduit (with full-wave rectifier) T: Conduit terminal TR: Conduit terminal (with full-wave rectifier) D: DIN terminal DR: DIN terminal (with full-wave rectifier)				• • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • •	
			G: Grommet GR: Grommet (with full-wave rectifier) C: Conduit CR: Conduit (with full-wave rectifier) T: Conduit terminal TR: Conduit terminal (with full-wave rectifier) D: DIN terminal DR: DIN terminal (with full-wave rectifier)							
Zero differential pressure type/pilot operated 2 port solenoid valve	VXZ22	1/4	G: Grommet GR: Grommet (with full-wave rectifier) C: Conduit CR: Conduit (with full-wave rectifier) T: Conduit terminal TR: Conduit terminal (with full-wave rectifier) D: DIN terminal DR: DIN terminal (with full-wave rectifier)		• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • •		
			G: Grommet GR: Grommet (with full-wave rectifier) C: Conduit CR: Conduit (with full-wave rectifier) T: Conduit terminal TR: Conduit terminal (with full-wave rectifier) D: DIN terminal DR: DIN terminal (with full-wave rectifier)							• • • • • • • • • • • • • • • • • • •

Note 1)  $\triangle$ : Interference problems could occur depending on the lead wire direction.

Note 2) Because of vibrations on both products, chattering will occur when the VXD/VXZ series are attached directly to a regulator. Please avoid this.





# Series E210/310/410 Specific Product Precautions

Be sure to read before handling.

For Safety Instructions, refer to "Handling Precautions for SMC Products" (M-E03-3).

#### Mounting

## **A** Caution

The seal surface of the product to be attached requires the modular adapter O-ring seal surface as shown in Table 1.

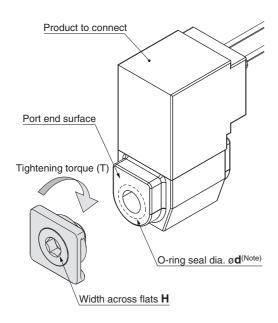
In addition, when tightening the modular adapter please refer to table 2 for the proper tightening torque.

Table 1: Required O-ring seal diameter for the mating product

Part no.	Port size	ø <b>d</b>
E210-U01	1/8	Over 14.5
E210-U02	1/4	Over 18
E310-U02	1/4	Over 18
E310-U03	3/8	Over 22
E410-U02	1/4	Over 18
E410-U03	3/8	Over 22
E410-U04	1/2	Over 27

Table 2: Hexagonal hole dim. & tightening torque

Part no.	Port size	Width across flats <b>H</b>	Recommended tightening torque (N⋅m)
E210-U01	1/8	6	9 to 11
E210-U02	1/4	8	14 to 16
E310-U02	1/4	8	14 to 16
E310-U03	3/8	10	24 to 26
E410-U02	1/4	8	14 to 16
E410-U03	3/8	10	24 to 26
E410-U04	1/2	12	30 to 32

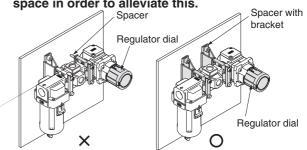


Note) The surface roughness of the seal surface of the product to be mated to the modular adapter must be less than Rz25.

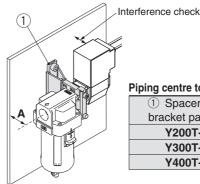
#### Selection

#### **⚠** Warning

1. When utilizing a regulator or a pressure relief 3 port valve with an operator (dial, etc), assure that a large moment is not exerted on the bracket spacer when placing the product. Be sure to utilise a T-Bracket (Y200T-A/Y300T-A/Y400T-A) in the appropriate space in order to alleviate this.



 When making the product selection and mounting to a wall, determine the distance to the wall from the centre of pipe (A dimension) and make your selection of the product so that, when attached, the product selected does not run into the wall.

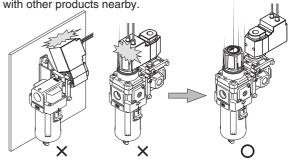


Piping centre to wall surface distance

<ol> <li>Spacer with bracket part no.</li> </ol>	Α
Diagnot partito	
Y200T-A	30
Y300T-A	41
Y400T-A	50

3. Give careful thought to the attachment angle, and assure that the attached product does not run into the wall mount prior to product selection.

In addition, assure that the product selected will not interfere with other products nearby.



4. In the event that the customer is unable to determine the interference prior to product selection, please contact SMC.

#### **∧** Caution

1. If products of brands other than SMC's are connected, this product is no longer guaranteed.



#### **⚠ 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.

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★ Warning: which, if not avoided, could result in death or serious

njury.

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

injury.

ISO 4414: Pneumatic fluid power – General rules relating to systems.
 ISO 4413: Hydraulic fluid power – General rules relating to systems.
 IEC 60204-1: Safety of machinery – Electrical equipment of machines.
 (Part 1: General requirements)

ISO 10218-1: Manipulating industrial robots - Safety.

#### 

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.

Only personnel with appropriate training should operate machinery and equipment.

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.

- Do not service or attempt to remove product and machinery/ equipment until safety is confirmed.
  - 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.
  - 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.
- Contact SMC beforehand and take special consideration of safety measures if the product is to be used in any of the following conditions.
  - 1. Conditions and environments outside of the given specifications, or use outdoors or in a place exposed to direct sunlight.
  - 2. Installation on equipment in conjunction with atomic energy, railways, air navigation, space, shipping, vehicles, military, medical treatment, combustion and recreation, or equipment in contact with food and beverages, emergency stop circuits, clutch and brake circuits in press applications, safety equipment or other applications unsuitable for the standard specifications described in the product catalogue.
  - 3. An application which could have negative effects on people, property, or animals requiring special safety analysis.
  - Use in an interlock circuit, which requires the provision of double interlock for possible failure by using a mechanical protective function, and periodical checks to confirm proper operation.

#### **↑** Caution

1. The product is provided for use in manufacturing industries.

The product herein described is basically provided for peaceful use in manufacturing industries.

If considering using the product in other industries, consult SMC beforehand and exchange specifications or a contract if necessary. If anything is unclear, contact your nearest sales branch.

# 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**

- The warranty period of the product is 1 year in service or 1.5 years after the product is delivered, whichever is first. <sup>2</sup>)
   Also, the product may have specified durability, running distance or replacement parts. Please consult your nearest sales branch.
- 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 warranty.

#### **Compliance Requirements**

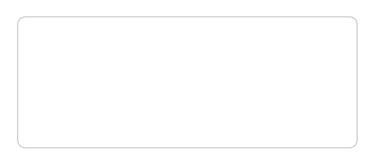
- The use of SMC products with production equipment for the manufacture of weapons of mass destruction (WMD) or any other weapon is strictly prohibited.
- The exports of SMC products or technology from one country to another are governed by the relevant security laws and regulations of the countries 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.

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## SMC products are not intended for use as instruments for legal metrology.

Measurement instruments that SMC manufactures or sells have not been qualified by type approval tests relevant to the metrology (measurement) laws of each country.

Therefore, SMC products cannot be used for business or certification ordained by the metrology (measurement) laws of each country.



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