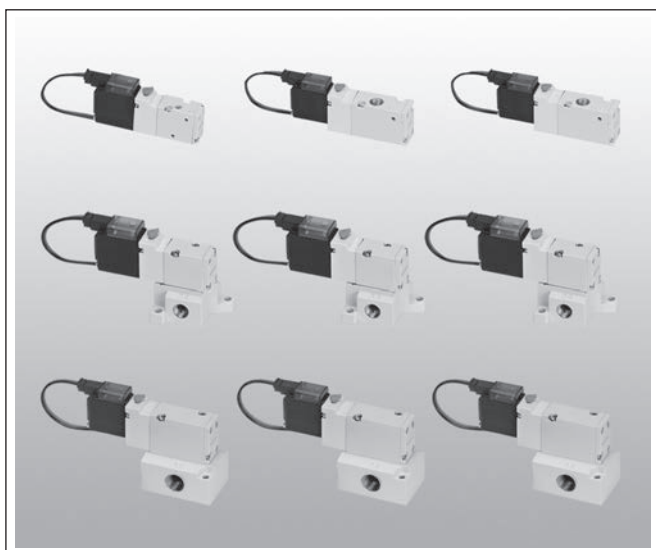


Directional control - SMU 、SMUB series 3 ports 2 positions solenoid valve

Solenoid valve - SMU5000 、7000 / SMUB5000 、7000

CHELIC PNEUMATIC

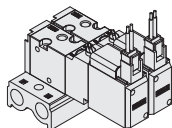
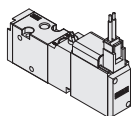


Provide CAD external dimension.

Small size, big flow rate!
high speed , react quickly ; (Under 10 ms)
with indicator light and voltage protection circuit ;
air hole can be changed and be added connector.

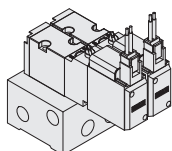
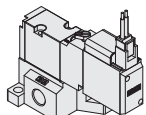
Solenoid valve single coil ----- SMU - 5000 series ----- M5 ----- P.2-1.41
(3 ports 2 positions)

SMU - 7000 series ----- Rc1/8" ----- P.2-1.42



Solenoid valve mounting single coil ---- SMUB - 5000 series ---- Rc1/8" ----- P.2-1.47
(3 ports 2 positions)

SMUB - 7000 series ---- Rc1/4" ----- P.2-1.48



SM
Solenoid
Valve

SMB
Solenoid
Valve

SMU
Solenoid
Valve

SMUB
Solenoid
Valve

SR
Solenoid
Valve

SRB
Solenoid
Valve

SRU
Solenoid
Valve

SRUB
Solenoid
Valve

SRK
Solenoid
Valve

SK
Solenoid
Valve

SNK
Solenoid
Valve

SKU
Solenoid
Valve

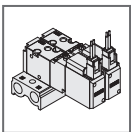
SV
Solenoid
Valve

SN
Solenoid
Valve

SV310
Solenoid
Valve

MEMO

CHELIC PNEUMATICThis image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

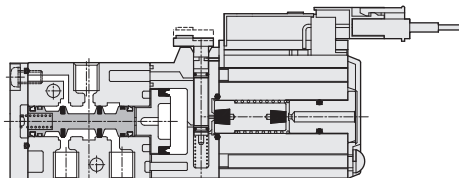


SMU 5000 · 7000 series 3 ports 2 positions solenoid valve

Operating specification and Order expression

CHELIC PNEUMATIC

Internal structure



Specification

Item	Model	SMU5000	SMU7000
Fluid		Air	
Pressure range	kgf/cm ² (Kpa)	1.5 ~ 7 (150 ~ 700)	
Operating ambient temperature range	°C	0 ~ 50	
Operating method		Pilot operated	
Number of position ports		3 ports 2 positions	3 ports 2 positions
Valve functions		Normal closed/ Normal open	
Orifice	mm ² (CV)	2.16(0.12)	12.6(0.7)
Manual button		Push and lock	
Connection port		M5	Rc1/8
Lubrication		Lubrication free type	

How to order

SMU	5	10	1	NC	L	110	M	2																								
Model	Model number	Coil number	Port size		Valve type	Wire type	Voltage	No. of manifolds																								
SMU : 3 ports 2 positions Solenoid valve	5: 5000 series 7: 7000 series	10 : Single	<table><tr><td>Code</td><td>Thread</td><td>Model</td></tr><tr><td>M5</td><td>M5x0.8p</td><td>SMU5000</td></tr><tr><td>1</td><td>Rc 1/8"</td><td>SMU7000</td></tr></table> A hole connector type	Code	Thread	Model	M5	M5x0.8p	SMU5000	1	Rc 1/8"	SMU7000	<table><tr><td>Code</td><td>Model</td></tr><tr><td>NC</td><td>Normal Close</td></tr><tr><td>NO</td><td>Normal Open</td></tr></table>	Code	Model	NC	Normal Close	NO	Normal Open	 (With wire length 450mm)	<table><tr><td>Standard :</td><td></td></tr><tr><td>12V DC</td><td>0.7W</td></tr><tr><td>24V DC</td><td>1.5W</td></tr><tr><td>110V AC</td><td>3W</td></tr><tr><td>220V AC</td><td>3W</td></tr></table>	Standard :		12V DC	0.7W	24V DC	1.5W	110V AC	3W	220V AC	3W	 (M 4)
Code	Thread	Model																														
M5	M5x0.8p	SMU5000																														
1	Rc 1/8"	SMU7000																														
Code	Model																															
NC	Normal Close																															
NO	Normal Open																															
Standard :																																
12V DC	0.7W																															
24V DC	1.5W																															
110V AC	3W																															
220V AC	3W																															
					 (With wire length 450mm)		None : Without manifold M2 = 2 sets M3 = 3 sets M20 = 20 sets																									

SM
Solenoid
Valve

SMB
Solenoid
Valve

SMU
Solenoid
Valve

SMUB
Solenoid
Valve

SR
Solenoid
Valve

SRB
Solenoid
Valve

SRU
Solenoid
Valve

SRUB
Solenoid
Valve

SRK
Solenoid
Valve

SK
Solenoid
Valve

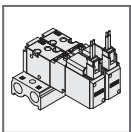
SNK
Solenoid
Valve

SKU
Solenoid
Valve

SV
Solenoid
Valve

SN
Solenoid
Valve

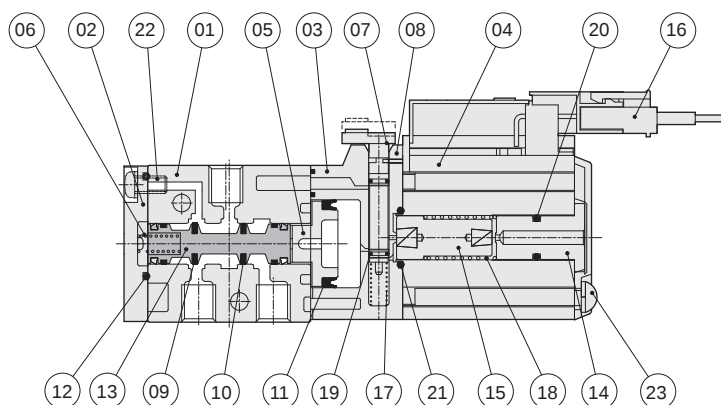
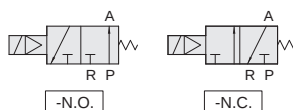
SV310
Solenoid
Valve



SMU 5000 ~ 7000 series 3 ports 2 positions solenoid valve Component and Material list

CHELIC PNEUMATIC

● Single 3 ports 2 positions



● Material of major parts list

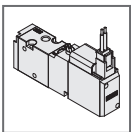
No.	Item	Material	No.	Item	Material
01	Body	Aluminum alloy	13	Shaft	Aluminum alloy
02	End cover	Resin	14	Iron cores	Stainless steel
03	Holder	Resin	15	Iron cores	Stainless steel
04	Coil	—	16	Wire plug	Resin
05	Piston	POM	17	Spring	Stainless steel
06	Spring	Stainless steel	18	Spring	Stainless steel
07	Button	POM	19	O-ring	NBR
08	Iron	Iron	20	O-ring	NBR
09	Packing	NBR	21	O-ring	NBR
10	Packing	NBR	22	Screw	Alloy steel
11	Packing	NBR	23	Screw	Alloy steel
12	O-ring	NBR			

Note : The main body has been treated with painting.

● Packing and O-Ring material list

Item	Holder packing	End cover packing	Button O-ring	Iron cores O-ring
Model \ Quantity	1	1	1	1
SMU 5000	MYA-10	MYA-7	Ø2xØ0.6	Ø4.6xØ1
SMU 7000	MYA-11	MYA-7	Ø2xØ0.6	Ø4.6xØ1

Note : Piston packing and rod packing all adopt import parts (MITSUBISHI, SAKAGAH, and same grade).



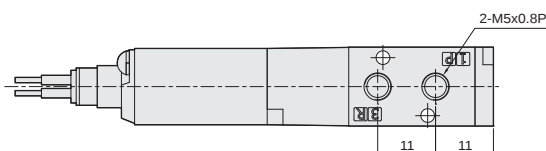
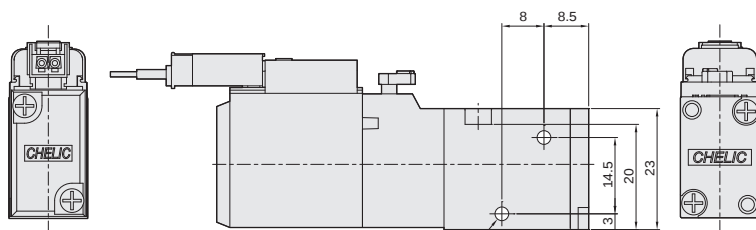
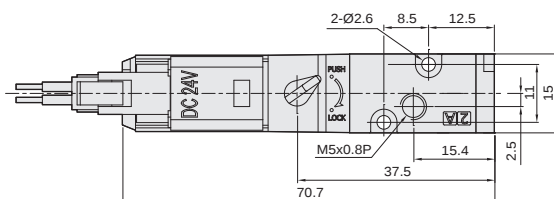
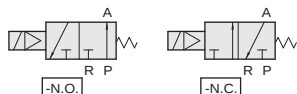
SMU series - SMU 5000 3 ports 2 positions solenoid valve

External dimension / Standard type

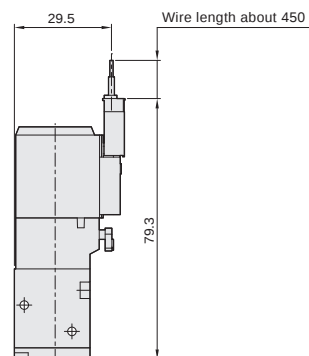
CHELIC PNEUMATIC

SMU 510M5 - □

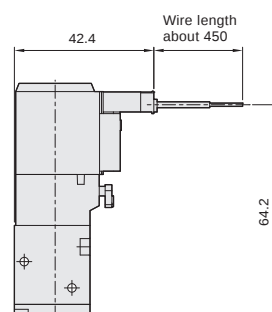
Single 3 ports 2 positions



L wire type - L



T wire type - T



SM
Solenoid
Valve

SMB
Solenoid
Valve

SMU
Solenoid
Valve

SMUB
Solenoid
Valve

SR
Solenoid
Valve

SRB
Solenoid
Valve

SRU
Solenoid
Valve

SRUB
Solenoid
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SRK
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SK
Solenoid
Valve

SNK
Solenoid
Valve

SKU
Solenoid
Valve

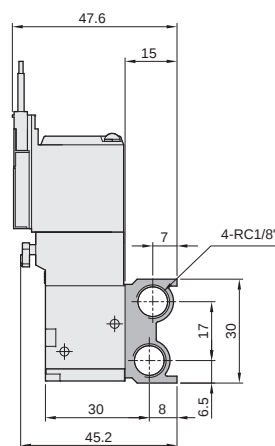
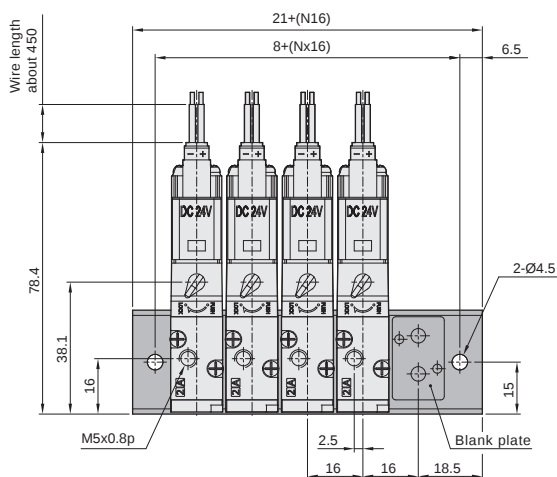
SV
Solenoid
Valve

SN
Solenoid
Valve

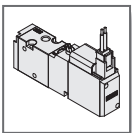
SV310
Solenoid
Valve

SMU 5000 series (Standard type)

Manifold dimension



Note : Blank plate with rubber lining is reserved for temporary storage space of solenoid valves.



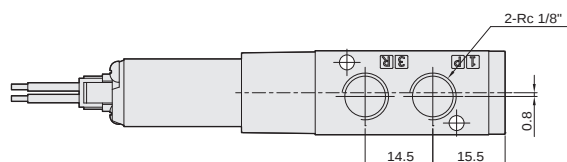
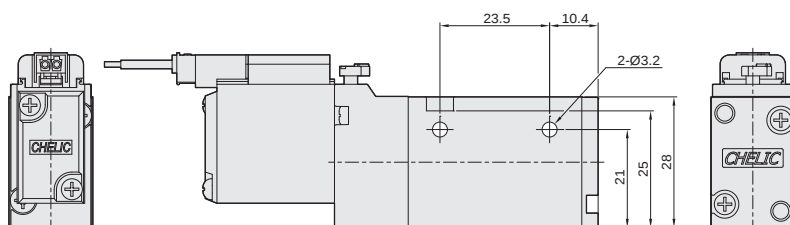
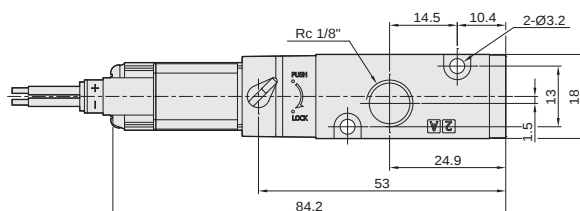
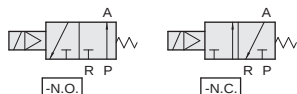
SMU series - SMU 7000 3 ports 2 positions solenoid valve

External dimension / Standard type

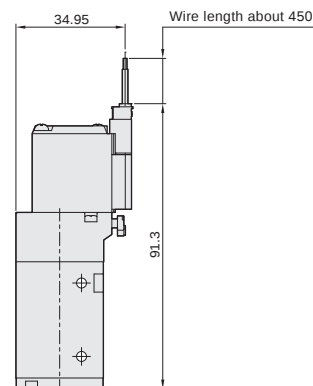
CHELIC PNEUMATIC

SMU 7101 - □

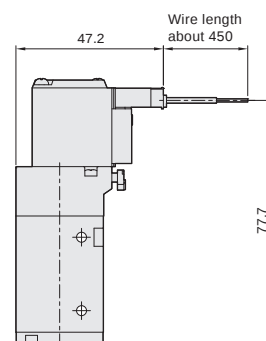
Single 3 ports 2 positions



L wire type - L

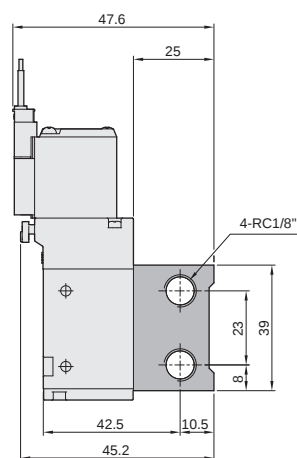
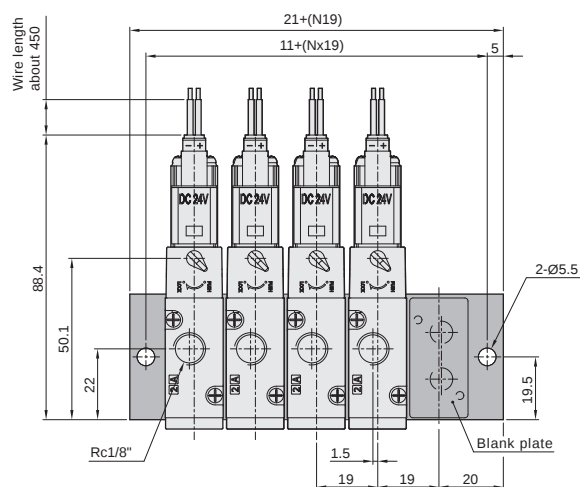


T wire type - T

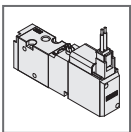


SMU 7000 series (Standard type)

Manifold dimension



Note : Blank plate with rubber lining is reserved for temporary storage space of solenoid valves.



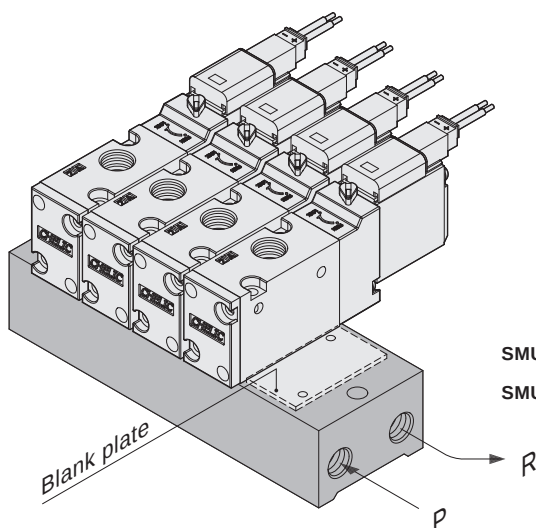
SMU series 3 ports 2 positions solenoid valve

Accessories and Installation

CHELIC PNEUMATIC

Manifold

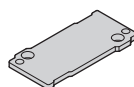
SMU - 5000 , 7000 series



Manifold

SMU - 5000 , 7000 series

※ The accessories of blank plate.



Blank plate

SMU-5000 series	MSMU05041
SMU-7000 series	MSMU07041

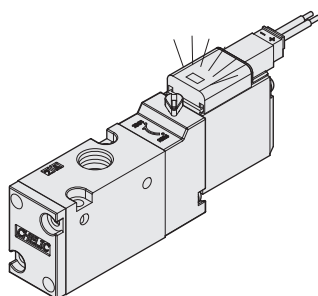
Rubber lining

MSMU05039
MSMU07039

Mounting screw

M2.5X8L MSMU05040
M4X8L MSMU07040

With indicator light all this series with indicator light and voltage protection circuit



SM
Solenoid
Valve

SMB
Solenoid
Valve

SMU
Solenoid
Valve

SMUB
Solenoid
Valve

SR
Solenoid
Valve

SRB
Solenoid
Valve

SRU
Solenoid
Valve

SRUB
Solenoid
Valve

SRK
Solenoid
Valve

SK
Solenoid
Valve

SNK
Solenoid
Valve

SKU
Solenoid
Valve

SV
Solenoid
Valve

SN
Solenoid
Valve

SV310
Solenoid
Valve

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