

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

Özellikler / Features



- 1、Standard or energy saving type is available, energy saving power is as low as 0.4W.
- 2、Pilot drive structure, 8 kinds of valve functions are available.
- 3、Manual operation mode, push button with lock.
- 4、Tubular solenoid valve can be directly installed or mounted on the manifold, internal pilot and external pilot are available.
- 5、Bottom connection solenoid valve needs to be mounted on the manifold, internal pilot and external pilot are available.

WUVG Solenoid Valves (Tube and Plate) Ordering Codes

WUVG — L 10 — 25B — ☐ — A — 5 — LZ

Valve construction
L : Tube valve
S : Tube valve including gasket and mounting screw
B : Plate valve (for manifold mounting)

Valve width
10 : 10mm
14 : 14mm
18 : 18mm

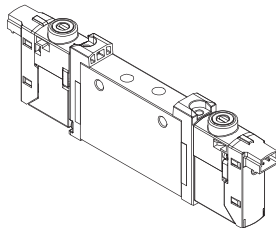
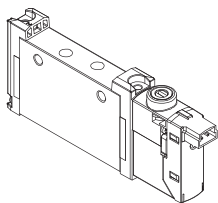
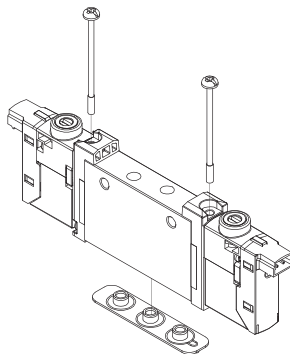
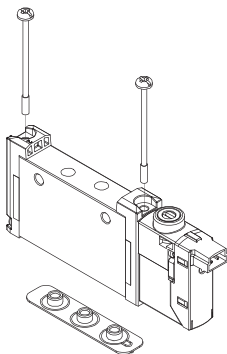
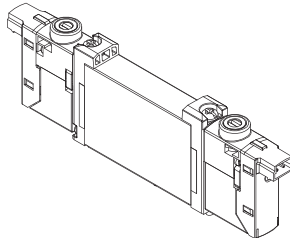
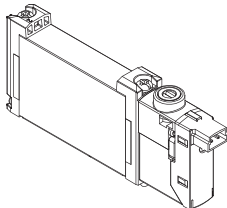
Valve position on the valve function:
23R : Two two three-way normally closed type (gas reset)
23H : Two three-way open and closed type (normally open a normally closed gas reset)
23U : Two two two three-way normally open type (gas reset)
25M : two five-way single electric control (gas reset)
25B : Two five-way double electric control
35C : Three five-way medium seal type
35P : Three five-way medium pressure type
35E : Three five-way medium drain type

Blank : Internal pilot
Z : External pilot
Note: Valve structure such as select B plate valve default external pilot only select L and S pipe valve has internal and external pilot difference

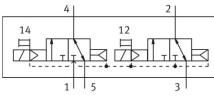
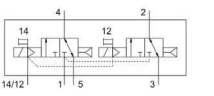
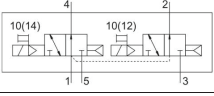
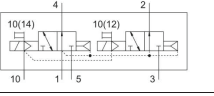
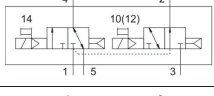
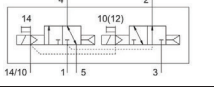
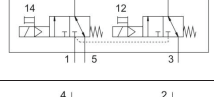
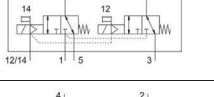
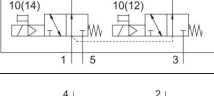
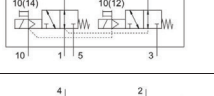
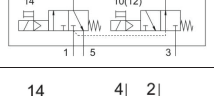
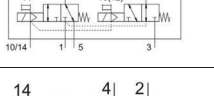
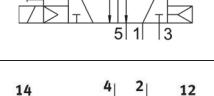
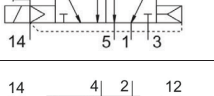
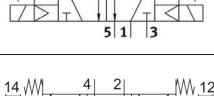
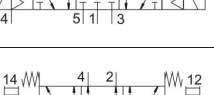
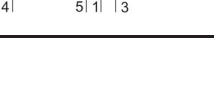
LZ:L-type socket type with indicator and overvoltage protection circuit
Note:Default with cable plug, wire length 0.3m

5 : DC24V
6 : DC12V

A:Standard type (1W)
B:Energy-saving type (0.4W after 20ms)

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves**WGUV-L10 Tube valve****WGUV-S10 Tube valve (with screw and gasket)****WGUV-B10 Plate valve (with screw and gasket by default)**

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves
Özellikler / Features
Graphical Symbols

Model	Tubular Inner Pilot	Model	Tubular Inner Pilot
WUVG-L10/S10-23R		WUVG-L10/S10-23R-Z	
WUVG-L14/S14-23R		WUVG-L14/S14-23R-Z	
WUVG-L18/S18-23R		WUVG-L18/S18-23R-Z	
WUVG-L10/S10-23U		WUVG-L10/S10-23U-Z	
WUVG-L14/S14-23U		WUVG-L14/S14-23U-Z	
WUVG-L18/S18-23U		WUVG-L18/S18-23U-Z	
WUVG-L10/S10-23H		WUVG-L10/S10-23H-Z	
WUVG-L14/S14-23H		WUVG-L14/S14-23H-Z	
WUVG-L18/S18-23H		WUVG-L18/S18-23H-Z	
WUVG-L10/S10-23VR		WUVG-L10/S10-23VR-Z	
WUVG-L14/S14-23VR		WUVG-L14/S14-23VR-Z	
WUVG-L18/S18-23VR		WUVG-L18/S18-23VR-Z	
WUVG-L10/S10-23VU		WUVG-L10/S10-23VU-Z	
WUVG-L14/S14-23VU		WUVG-L14/S14-23VU-Z	
WUVG-L18/S18-23VU		WUVG-L18/S18-23VU-Z	
WUVG-L10/S10-23VH		WUVG-L10/S10-23VH-Z	
WUVG-L14/S14-23VH		WUVG-L14/S14-23VH-Z	
WUVG-L18/S18-23VH		WUVG-L18/S18-23VH-Z	
WUVG-L10/S10-25M		WUVG-L10/S10-25M-Z	
WUVG-L14/S14-25M		WUVG-L14/S14-25M-Z	
WUVG-L18/S18-25M		WUVG-L18/S18-25M-Z	
WUVG-L10/S10-25B		WUVG-L10/S10-25B-Z	
WUVG-L14/S14-25B		WUVG-L14/S14-25B-Z	
WUVG-L18/S18-25B		WUVG-L18/S18-25B-Z	
WUVG-L10/S10-35C		WUVG-L10/S10-35C-Z	
WUVG-L14/S14-35C		WUVG-L14/S14-35C-Z	
WUVG-L18/S18-35C		WUVG-L18/S18-35C-Z	
WUVG-L10/S10-35P		WUVG-L10/S10-35P-Z	
WUVG-L14/S14-35P		WUVG-L14/S14-35P-Z	
WUVG-L18/S18-35P		WUVG-L18/S18-35P-Z	
WUVG-L10/S10-35E		WUVG-L10/S10-35E-Z	
WUVG-L14/S14-35E		WUVG-L14/S14-35E-Z	
WUVG-L18/S18-35E		WUVG-L18/S18-35E-Z	

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves
WGVU-L10/S10 Specification

Specification/item	Valve width	Function	Steady state	Working medium	Initial position	Pilot air supply	Rated flow L/min	Port 1,3,5	Port 2,4
WUVG-L10/S10-23R	10mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	Internal pilot	180	M5 on the manifold	M5 on the manifold
WUVG-L10/S10-23U					Normally open		180		
WUVG-L10/S10-23H					1 Normally open 1 Normally closed		180		
WUVG-L10/S10-23VR					Normally closed		150		
WUVG-L10/S10-23VU					Normally open		150		
WUVG-L10/S10-23VH		2 position 5 way	Bistable		1 Normally open 1 Normally closed	Internal pilot	150		
WUVG-L10/S10-25M					—		280		
WUVG-L10/S10-25B					—		280		
WUVG-L10/S10-35C		3 position 5 way			Medium seal		180		
WUVG-L10/S10-35P					Medium pressure		180		
WUVG-L10/S10-35E					Medium drain		180		
WUVG-L10/S10-23R-Z	10mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	External pilot	180	M5 on the manifold	M5 on the manifold
WUVG-L10/S10-23U-Z					Normally open		180		
WUVG-L10/S10-23H-Z					1 Normally open 1 Normally closed		180		
WUVG-L10/S10-23VR-Z					Normally closed		150		
WUVG-L10/S10-23VU-Z					Normally open		150		
WUVG-L10/S10-23VH-Z		2 position 5 way	Bistable		1 Normally open 1 Normally closed	M5 on the manifold	150		
WUVG-L10/S10-25M-Z					—		280		
WUVG-L10/S10-25B-Z					—		280		
WUVG-L10/S10-35C-Z		3 position 5 way	Monostable		Medium seal		180		
WUVG-L10/S10-35P-Z					Medium pressure		180		
WUVG-L10/S10-35E-Z					Medium drain		180		

Specification /item	Reset mode	Ambient temperature	Medium temperature	Operating voltage V DC	Power consumption W	Fastest operating frequency Times/second	Working pressure during internal pilot Mpa	Working pressure during external pilot Mpa
WUVG-L10/S10-23R	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-L10/S10-23U	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L10/S10-23H	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L10/S10-23VR	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-L10/S10-23VU						10	0.3~0.8	-0.09~0.8
WUVG-L10/S10-23VH						10	0.3~0.8	-0.09~0.8
WUVG-L10/S10-25M	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-L10/S10-25B	-					15	0.15~0.8	-0.09~0.8
WUVG-L10/S10-35C	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-L10/S10-35P						10	0.2~0.8	-0.09~0.8
WUVG-L10/S10-35E						10	0.2~0.8	-0.09~0.8
WUVG-L10/S10-23R-Z	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-L10/S10-23U-Z	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L10/S10-23H-Z	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L10/S10-23VR-Z	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-L10/S10-23VU-Z						10	0.3~0.8	-0.09~0.8
WUVG-L10/S10-23VH-Z						10	0.3~0.8	-0.09~0.8
WUVG-L10/S10-25M-Z	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-L10/S10-25B-Z	-					15	0.15~0.8	-0.09~0.8
WUVG-L10/S10-35C-Z	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-L10/S10-35P-Z						10	0.2~0.8	-0.09~0.8
WUVG-L10/S10-35E-Z						10	0.2~0.8	-0.09~0.8

Note: When the solenoid valve is used with external pilot, the following conditions must be met, otherwise it cannot be driven. When the main valve is used with negative pressure, the external pilot pressure is $\geq 0.3\text{Mpa}$. When the main valve adopts positive pressure, the external pilot pressure is greater than the main valve pressure.

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves
WGVU-L14/S14 Specification

Specification/Item	Valve width	Function	Steady state	Working medium	Initial position	Pilot air supply	Rated flow L/min	Port 1、3、5	Port 2、4
WUVG-L14/S14-23R	14mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	Internal pilot	520	G1/8 on the Valve	G1/8 on the Valve
WUVG-L14/S14-23U					Normally open		520		
WUVG-L14/S14-23H					1 Normally open 1 Normally closed		520		
WUVG-L14/S14-23VR					Normally closed		500		
WUVG-L14/S14-23VU					Normally open		500		
WUVG-L14/S14-23VH		2 position 5 way	Bistable		1 Normally open 1 Normally closed		500		
WUVG-L14/S14-25M					—		530		
WUVG-L14/S14-25B					—		530		
WUVG-L14/S14-35C		3 position 5 way			Medium seal		500		
WUVG-L14/S14-35P					Medium pressure		530		
WUVG-L14/S14-35E					Medium drain		500		
WUVG-L14/S14-23R-Z	14mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	External pilot	520	G1/8 on the Valve	G1/8 on the Valve
WUVG-L14/S14-23U-Z					Normally open		520		
WUVG-L14/S14-23H-Z					1 Normally open 1 Normally closed		520		
WUVG-L14/S14-23VR-Z					Normally closed		500		
WUVG-L14/S14-23VU-Z					Normally open		500		
WUVG-L14/S14-23VH-Z					1 Normally open 1 Normally closed		500		
WUVG-L14/S14-25M-Z		2 position 5 way	Bistable		—	M5 on the manifold	530		
WUVG-L14/S14-25B-Z					—		530		
WUVG-L14/S14-35C-Z		3 position 5 way	Monostable		Medium seal		500		
WUVG-L14/S14-35P-Z					Medium pressure		530		
WUVG-L14/S14-35E-Z					Medium drain		500		

Specification /item	Reset mode	Ambient temperature	Medium temperature	Operating voltage V DC	Power consumption W	Fastest operating frequency Times/second	Working pressure during internal pilot Mpa	Working pressure during external pilot Mpa
WUVG-L14/S14-23R	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-L14/S14-23U	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L14/S14-23H	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L14/S14-23VR	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-L14/S14-23VU						10	0.3~0.8	-0.09~0.8
WUVG-L14/S14-23VH						10	0.3~0.8	-0.09~0.8
WUVG-L14/S14-25M	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-L14/S14-25B	-					15	0.15~0.8	-0.09~0.8
WUVG-L14/S14-35C	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-L14/S14-35P						10	0.2~0.8	-0.09~0.8
WUVG-L14/S14-35E						10	0.2~0.8	-0.09~0.8
WUVG-L14/S14-23R-Z	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-L14/S14-23U-Z	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L14/S14-23H-Z	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L14/S14-23VR-Z	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-L14/S14-23VU-Z						10	0.3~0.8	-0.09~0.8
WUVG-L14/S14-23VH-Z						10	0.3~0.8	-0.09~0.8
WUVG-L14/S14-25M-Z	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-L14/S14-25B-Z	-					15	0.15~0.8	-0.09~0.8
WUVG-L14/S14-35C-Z	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-L14/S14-35P-Z						10	0.2~0.8	-0.09~0.8
WUVG-L14/S14-35E-Z						10	0.2~0.8	-0.09~0.8

Note: When the solenoid valve is used with external pilot, the following conditions must be met, otherwise it cannot be driven. When the main valve is used with negative pressure, the external pilot pressure is $\geq 0.3\text{Mpa}$; When the main valve adopts positive pressure, the external pilot pressure is greater than the main valve pressure.

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves
WGVU-L18/S18 Specification

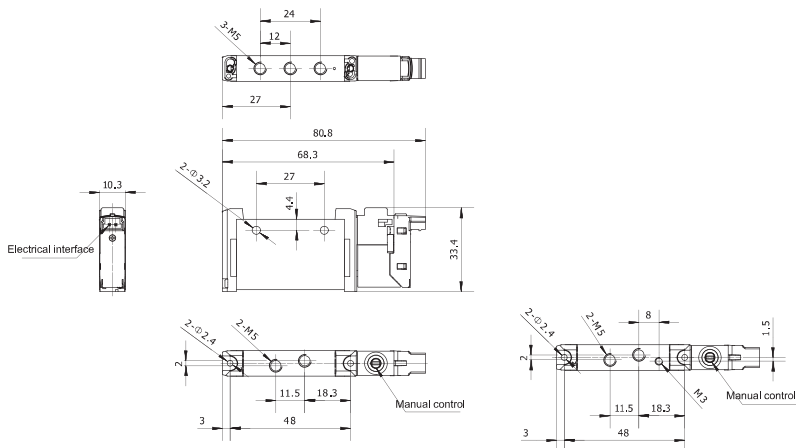
Specification/Item	Valve width	Function	Steady state	Working medium	Initial position	Pilot air supply	Rated flow L/min	Port 1、3、5	Port 2、4
WUVG-L18/S18-23R	18mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	Internal pilot	1100	G1/4 on the Valve	G1/4 on the Valve
WUVG-L18/S18-23U					Normally open		1100		
WUVG-L18/S18-23H					1 Normally open 1 Normally closed		1100		
WUVG-L18/S18-23VR					Normally closed		1000		
WUVG-L18/S18-23VU					Normally open		1000		
WUVG-L18/S18-23VH		2 position 5 way	Bistable		1 Normally open 1 Normally closed		1000		
WUVG-L18/S18-25M					—		1200		
WUVG-L18/S18-25B					—		1200		
WUVG-L18/S18-35C		3 position 5 way			Medium seal		1000		
WUVG-L18/S18-35P					Medium pressure		1000		
WUVG-L18/S18-35E					Medium drain		1000		
WUVG-L18/S18-23R-Z	18mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	External pilot M5 on the manifold	1100	G1/4 on the Valve	G1/4 on the Valve
WUVG-L18/S18-23U-Z					Normally open		1100		
WUVG-L18/S18-23H-Z					1 Normally open 1 Normally closed		1100		
WUVG-L18/S18-23VR-Z					Normally closed		1000		
WUVG-L18/S18-23VU-Z					Normally open		1000		
WUVG-L18/S18-23VH-Z		2 position 5 way	Bistable		1 Normally open 1 Normally closed		1000		
WUVG-L18/S18-25M-Z					—		1200		
WUVG-L18/S18-25B-Z					—		1200		
WUVG-L18/S18-35C-Z		3 position 5 way	Monostable		Medium seal		1000		
WUVG-L18/S18-35P-Z					Medium pressure		1000		
WUVG-L18/S18-35E-Z					Medium drain		1000		

Specification /item	Reset mode	Ambient temperature	Medium temperature	Operating voltage V DC	Power consumption W	Fastest operating frequency Times/second	Working pressure during internal pilot Mpa	Working pressure during external pilot Mpa
WUVG-L18/S18-23R	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-L18/S18-23U	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L18/S18-23H	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L18/S18-23VR	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-L18/S18-23VU						10	0.3~0.8	-0.09~0.8
WUVG-L18/S18-23VH						10	0.3~0.8	-0.09~0.8
WUVG-L18/S18-25M	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-L18/S18-25B	-					15	0.15~0.8	-0.09~0.8
WUVG-L18/S18-35C	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-L18/S18-35P						10	0.2~0.8	-0.09~0.8
WUVG-L18/S18-35E						10	0.2~0.8	-0.09~0.8
WUVG-L18/S18-23R-Z	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-L18/S18-23U-Z	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L18/S18-23H-Z	Air reset					10	0.25~0.8	0.15~0.8
WUVG-L18/S18-23VR-Z	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-L18/S18-23VU-Z						10	0.3~0.8	-0.09~0.8
WUVG-L18/S18-23VH-Z						10	0.3~0.8	-0.09~0.8
WUVG-L18/S18-25M-Z	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-L18/S18-25B-Z	-					15	0.15~0.8	-0.09~0.8
WUVG-L18/S18-35C-Z	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-L18/S18-35P-Z						10	0.2~0.8	-0.09~0.8
WUVG-L18/S18-35E-Z						10	0.2~0.8	-0.09~0.8

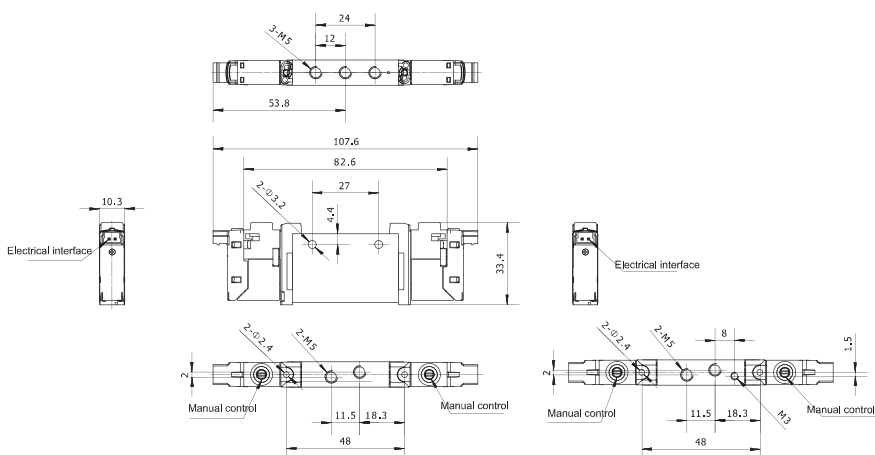
Note: When the solenoid valve is used with external pilot, the following conditions must be met, otherwise it cannot be driven, When the main valve is used with negative pressure, the external pilot pressure is $\geq 0.3\text{Mpa}$; When the main valve adopts positive pressure, the external pilot pressure is greater than the main valve pressure.

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

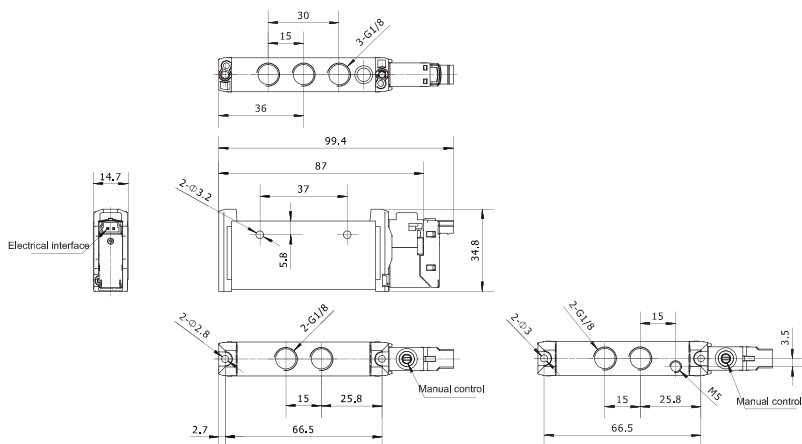
WUVG-L10/S10 Two-position five-way single electronically controlled tubular valve



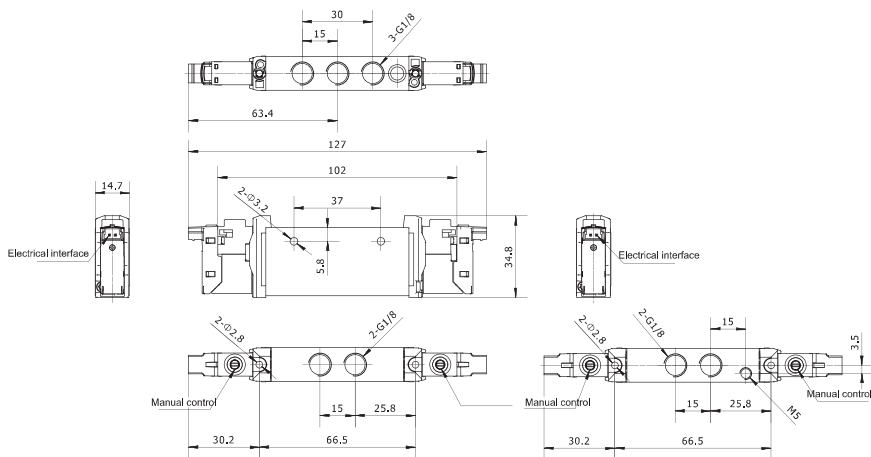
WUVG-L10/S10 2×two-position three-way, two-position five-way double electronically controlled, three-position five-way tubular valve



WUVG-L14/S14 Two-position five-way single electronically controlled tubular valve

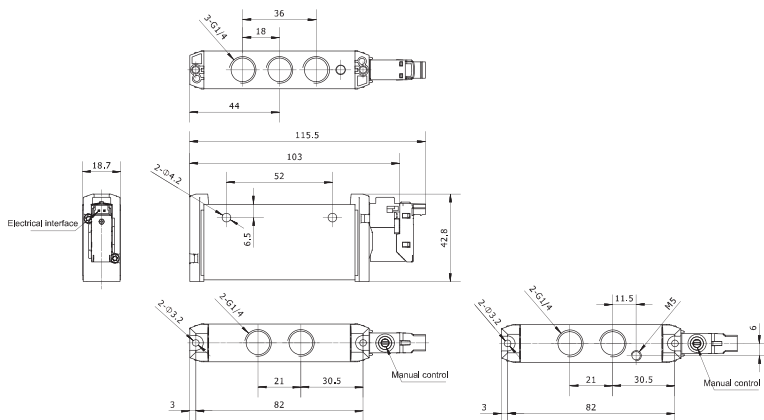


WUWG-L14/S14 2×two-position three-way, two-position five-way double electronically controlled, three-position five-way tubular valve

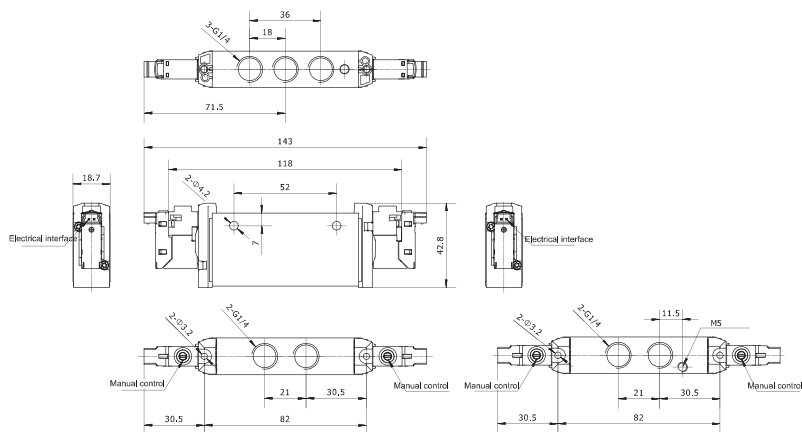


WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

WUVG-L18/S18 Two-position five-way single electronically controlled tubular valve

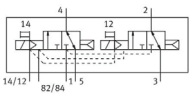
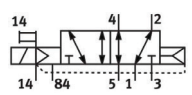
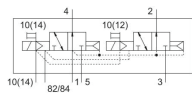
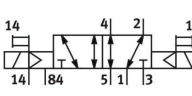
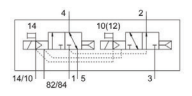
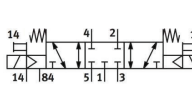
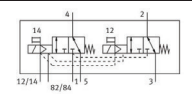
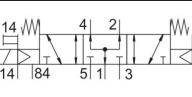
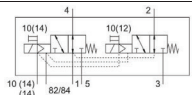
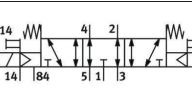
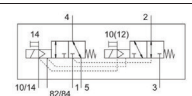


WUVG-L18/S18 2×two-position three-way, two-position five-way double electronically controlled, three-position five-way tubular valve



WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

■ WUVG-B14 Specification

Model	Tubular Outer Pilot	Model	Tubular Outer Pilot
WUVG-B10-23R		WUVG-B10-25M	
WUVG-B14-23R		WUVG-B14-25M	
WUVG-B18-23R		WUVG-B18-25M	
WUVG-B10-23U		WUVG-B10-25B	
WUVG-B14-23U		WUVG-B14-25B	
WUVG-B18-23U		WUVG-B18-25B	
WUVG-B10-23H		WUVG-B10-35C	
WUVG-B14-23H		WUVG-B14-35C	
WUVG-B18-23H		WUVG-B18-35C	
WUVG-B10-23VR		WUVG-B10-35P	
WUVG-B14-23VR		WUVG-B14-35P	
WUVG-B18-23VR		WUVG-B18-35P	
WUVG-B10-23VU		WUVG-B10-35E	
WUVG-B14-23VU		WUVG-B14-35E	
WUVG-B18-23VU		WUVG-B18-35E	
WUVG-B10-23VH			
WUVG-B14-23VH			
WUVG-B18-23VH			

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

■ WUVG-B14 Specification

Specification/item	Valve width	Function	Steady state	Working medium	Initial position	Pilot air supply	Rated flow L/min	Port 1、 3 、 5	Port 2、 4
WUVG-B10-23R	10mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	Internal pilot	180	on the manifold	M5 on the Valve
WUVG-B10-23U					Normally open		180		
WUVG-B10-23H					1 Normally open 1 Normally closed		180		
WUVG-B10-23VR					Normally closed		150		
WUVG-B10-23VU					Normally open		150		
WUVG-B10-23VH					1 Normally open 1 Normally closed		150		
WUVG-B10-25B		2 position 5 way	Bistable		-		280		
WUVG-B10-35C		3 position 5 way	Monostable		Medium seal		180		
WUVG-B10-35P					Medium pressure		180		
WUVG-B10-35E					Medium drain		180		

Specification /item	Reset mode	Ambient temperature	Medium temperature	Operating voltage V DC	Power consumption W	Fastest operating frequency Times/second	Working pressure during internal pilot Mpa	Working pressure during external pilot Mpa
WUVG-B10-23R	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-B10-23U						10	0.25~0.8	0.15~0.8
WUVG-B10-23H						10	0.25~0.8	0.15~0.8
WUVG-B10-23VR	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-B10-23VU						10	0.3~0.8	-0.09~0.8
WUVG-B10-23VH						10	0.3~0.8	-0.09~0.8
WUVG-B10-25M	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-B10-25B	-					15	0.15~0.8	-0.09~0.8
WUVG-B10-35C	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-B10-35P						10	0.2~0.8	-0.09~0.8
WUVG-B10-35E						10	0.2~0.8	-0.09~0.8

Note: When the solenoid valve is used with external pilot, the following conditions must be met, otherwise it cannot be driven. When the main valve is used with negative pressure, the external pilot pressure is $\geq 0.3\text{Mpa}$; When the main valve adopts positive pressure, the external pilot pressure is greater than the main valve pressure.

WINMAN WUVG Seri Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

WUVG-B14 Specification

Specification/item	Valve width	Function	Steady state	Working medium	Initial position	Pilot air supply	Rated flow L/min	Port 1, 3, 5	Port 2, 4
WUVG-B14-23R	14mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	External pilot, M5 on the manifold	520	on the manifold	G1/4 on the Valve
WUVG-B14-23U					Normally open		520		
WUVG-B14-23H					1 Normally open 1 Normally closed		520		
WUVG-B14-23VR					Normally closed		500		
WUVG-B14-23VU					Normally open		500		
WUVG-B14-23VH					1 Normally open 1 Normally closed		500		
WUVG-B14-25M		2 position 5 way	Bistable		-		530		
WUVG-B14-25B					-		530		
WUVG-B14-35C		3 position 5 way	Monostable		Medium seal		500		
WUVG-B14-35P					Medium pressure		530		
WUVG-B14-35E	Medium drain			500					

Specification /item	Reset mode	Ambient temperature	Medium temperature	Operating voltage V DC	Power consumption W	Fastest operating frequency Times/second	Working pressure during internal pilot Mpa	Working pressure during external pilot Mpa
WUVG-B14-23R	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-B14-23U						10	0.25~0.8	0.15~0.8
WUVG-B14-23H						10	0.25~0.8	0.15~0.8
WUVG-B14-23VR	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-B14-23VU						10	0.3~0.8	-0.09~0.8
WUVG-B14-23VH						10	0.3~0.8	-0.09~0.8
WUVG-B14-25M	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-B14-25B	-					15	0.15~0.8	-0.09~0.8
WUVG-B14-35C	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-B14-35P						10	0.2~0.8	-0.09~0.8
WUVG-B14-35E						10	0.2~0.8	-0.09~0.8

Note: When the solenoid valve is used with external pilot, the following conditions must be met, otherwise it cannot be driven. When the main valve is used with negative pressure, the external pilot pressure is $\geq 0.3\text{Mpa}$; When the main valve adopts positive pressure, the external pilot pressure is greater than the main valve pressure.

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

■ WUVG-B18 Specification

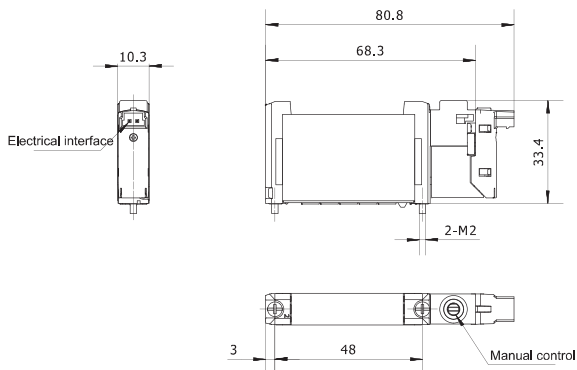
Specification/item	Valve width	Function	Steady state	Working medium	Initial position	Pilot air supply	Rated flow L/min	Port 1, 3, 5	Port 2, 4	
WUVG-B18-23R	18mm	2 position 3 way	Monostable	Compressed air conforms to ISO8573	Normally closed	External pilot, M5 on the manifold	1100	on the manifold	G3/8 on the Valv	
WUVG-B18-23U					Normally open		1100			
WUVG-B18-23H					1 Normally open 1 Normally closed		1100			
WUVG-B18-23VR					Normally closed		1000			
WUVG-B18-23VU					Normally open		1000			
WUVG-B18-23VH					1 Normally open 1 Normally closed		1000			
WUVG-B18-25M		2 position 5 way	Bistable		-		1200			
WUVG-B18-25B					-		1200			
WUVG-B18-35C					Medium seal		1000			
WUVG-B18-35P		3 position 5 way	Monostable		Medium pressure		1000			
WUVG-B18-35E					Medium drain		1000			

Specification /item	Reset mode	Ambient temperature	Medium temperature	Operating voltage V DC	Power consumption W	Fastest operating frequency Times/second	Working pressure during internal pilot Mpa	Working pressure during external pilot Mpa
WUVG-B18-23R	Air reset	-5~60	-5~60	24±10%	1W or 0.4W	10	0.25~0.8	0.15~0.8
WUVG-B18-23U						10	0.25~0.8	0.15~0.8
WUVG-B18-23H						10	0.25~0.8	0.15~0.8
WUVG-B18-23VR	spring reset					10	0.3~0.8	-0.09~0.8
WUVG-B18-23VU						10	0.3~0.8	-0.09~0.8
WUVG-B18-23VH						10	0.3~0.8	-0.09~0.8
WUVG-B18-25M	Air reset					15	0.2~0.8	-0.09~0.8
WUVG-B18-25B	-					15	0.15~0.8	-0.09~0.8
WUVG-B18-35C	spring reset					10	0.2~0.8	-0.09~0.8
WUVG-B18-35P						10	0.2~0.8	-0.09~0.8
WUVG-B18-35E						10	0.2~0.8	-0.09~0.8

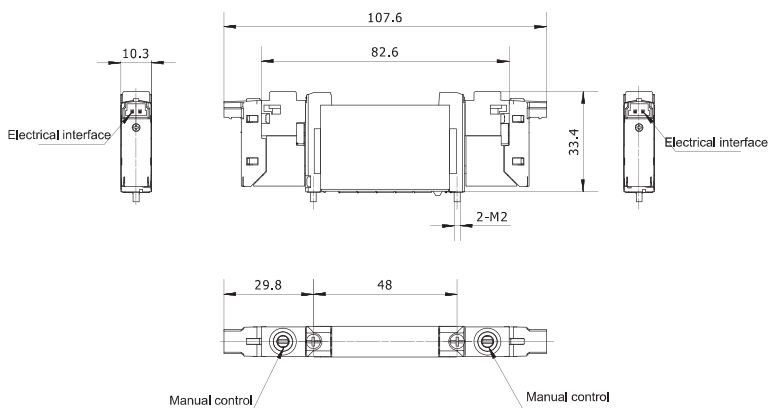
Note: When the solenoid valve is used with external pilot, the following conditions must be met, otherwise it cannot be driven. When the main valve is used with negative pressure, the external pilot pressure is $\geq 0.3\text{Mpa}$; When the main valve adopts positive pressure, the external pilot pressure is greater than the main valve pressure.

■ Figure Dimension

WUVG-B10 two-position five-way single electronically controlled plate valve

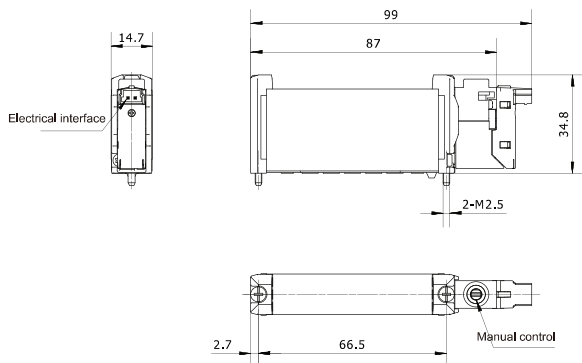


WUVG-B10 two-position five-way double electronically controlled plate valve

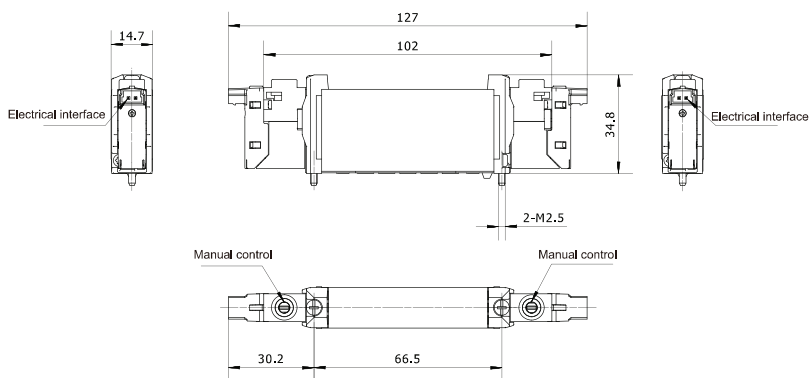


WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves
Figure Dimension

WUVG-B14 two-position five-way single electronically controlled plate valve



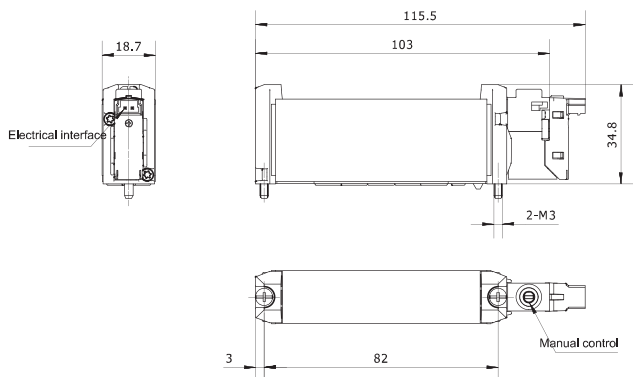
WUVG-B14 two-position five-way double electronically controlled plate valve



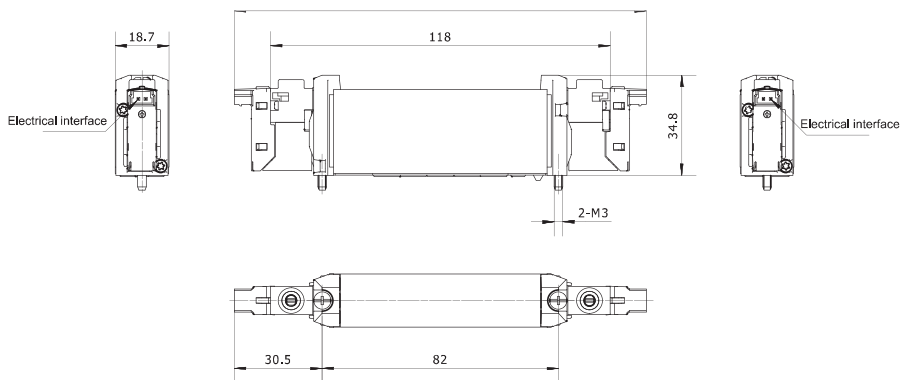
WINMAN WUVG Seri Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

Figure Dimension

WUVG-B18 two-position five-way single electronically controlled plate valve

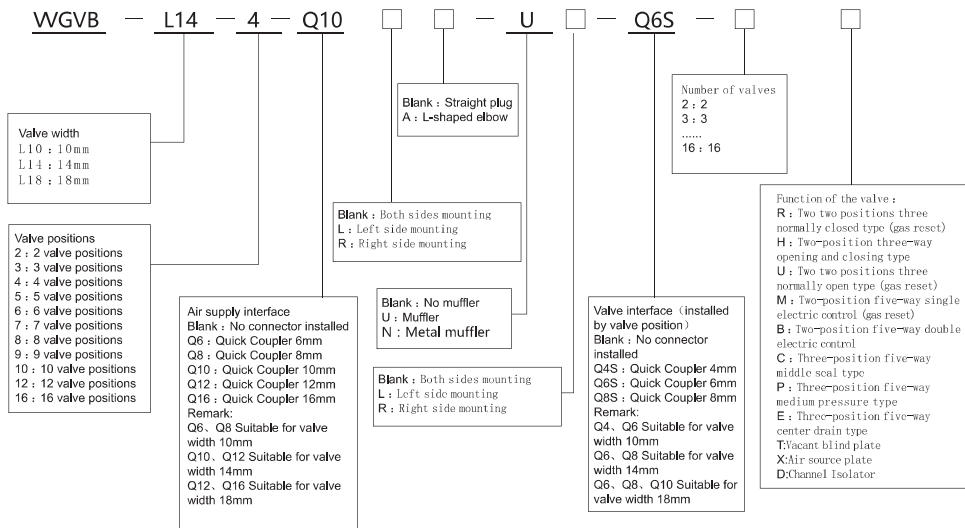


WUVG-B18 two-position five-way double electronically controlled plate valve

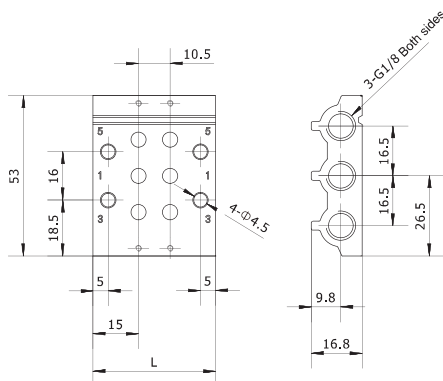


WINMAN WUVG Seri Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

WGVB Tubular Valve Manifold Ordering Code



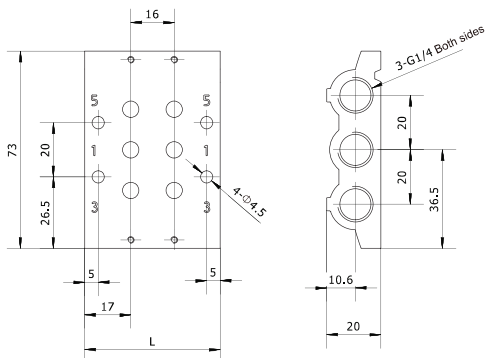
WGVB-L10 Dimensional drawing of convergence plate



Number of valves	2	3	4	5	6	7	8	9	10	12	14	16
L	40,5	51	61,5	72	82,5	93	103,5	114	124,5	145,5	166,5	187,5

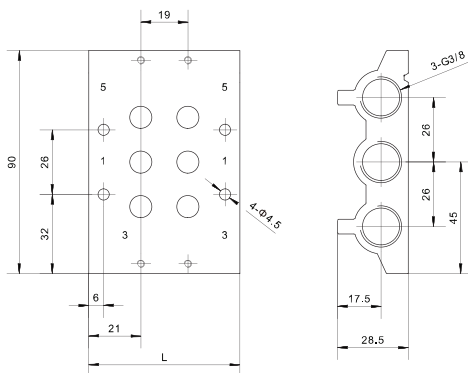
WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves

WGVB-L14 Dimensional drawing of convergence plate



Number of valves	2	3	4	5	6	7	8	9	10	12	14	16
L	50	66	72	88	104	120	136	152	168	184	200	216

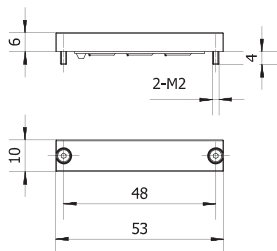
WGVB-L18 Dimensional drawing of convergence plate



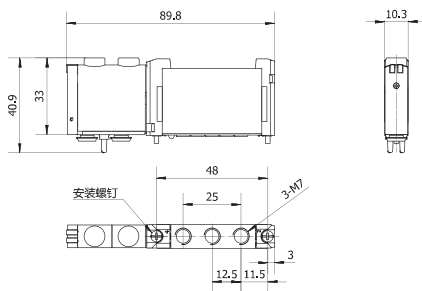
Number of valves	2	3	4	5	6	7	8	9	10	12	14	16
L	61	80	99	118	137	156	175	194	213	251	289	327

WINMAN WUVG Seri Solenoid Valfle/ WINMAN WUVG Series Solenoid Valves

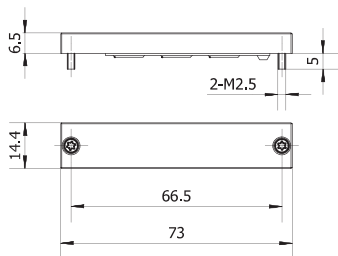
WUVG-S10-T



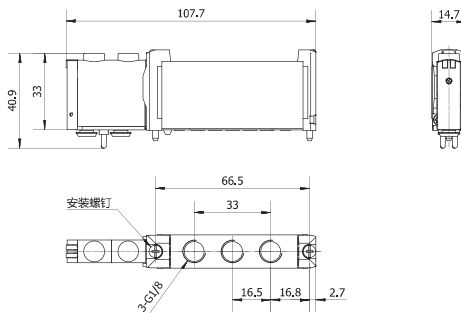
WUVG-M10/S10-X



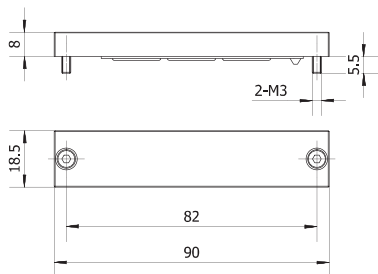
WUVG-S14-T



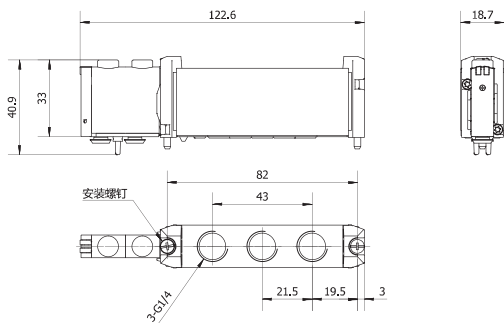
WUVG-M14/S14-X



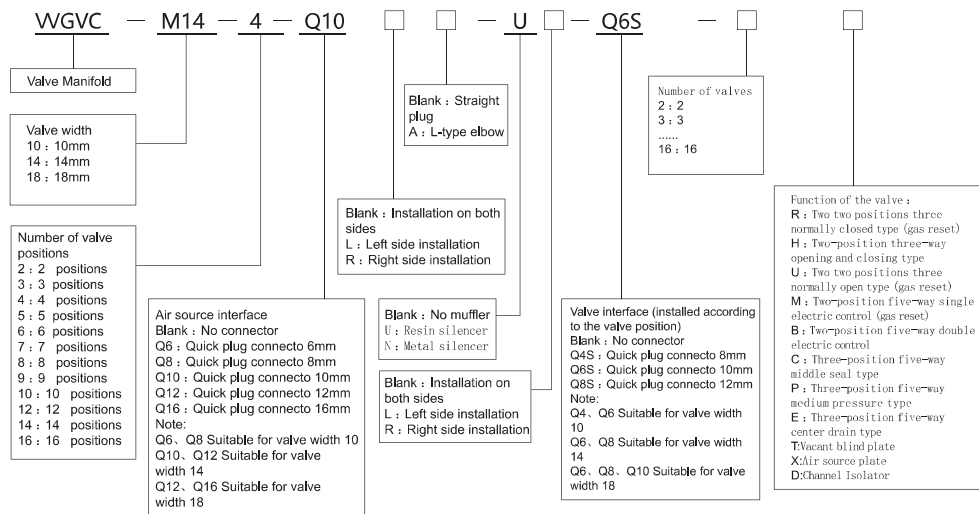
WUVG-S18-T



WUVG-M18/S18-X

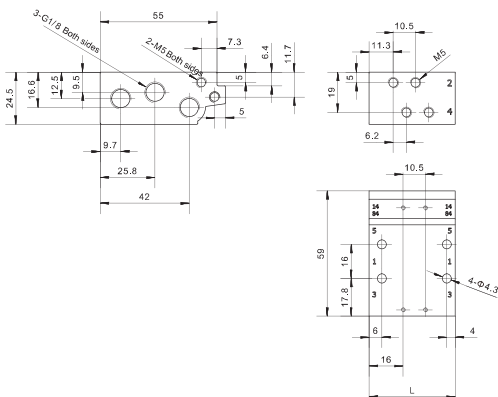


WGVC Manifold Ordering Code

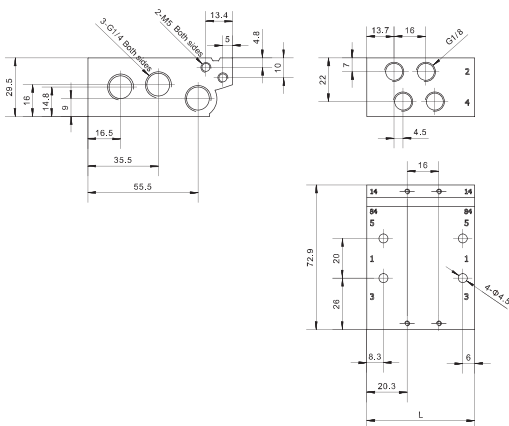


Example of an order: To order a plate manifold assembly separately, determine the valve width of 14 mm, external pilot air source, bit 5, no fittings and muffler, then the code is written: VGVC-M14-5-Z

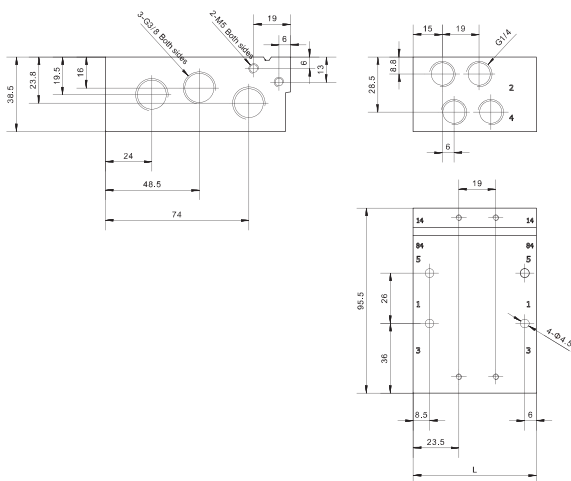
WGVC-M10



Number of valves	2	3	4	5	6	7	8	9	10	12	14	16
L	40.5	51	61.5	72	82.5	93	103.5	114	124.5	145.5	166.5	187.5

WINMAN WUVG Serisi Solenoid Valfler/ WINMAN WUVG Series Solenoid Valves
WGVC-M14


Number of valves	2	3	4	5	6	7	8	9	10	12	14	16
L	54.3	70.3	86.3	102.3	118.3	134.3	150.3	166.3	182.3	214.3	246.3	278.3

WGVC-M18


Number of valves	2	3	4	5	6	7	8	9	10	12	14	16
L	63.5	82.5	101.5	120.5	139.5	158.5	177.5	196.5	215.5	253.5	291.5	329.5