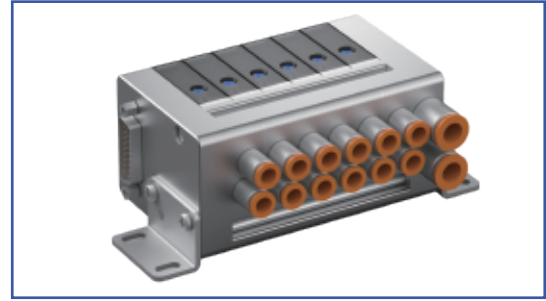


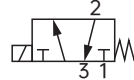
Two - way integrated valve island X series

Product features

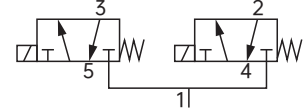
- Micro plate valve island with multi-pin plug interface
- Lightweight: Flat box type without a base plate structure
- Space-saving type
- Direct-acting valve, quick response
- Using direct plug connector, valve number increase or decrease, valve replacement easier



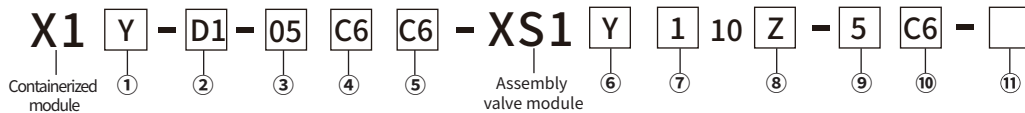
Single electric control



Dual electric control



Model representation



① Assembly valve series

code	Series
Y	SY10 type solenoid valve

② Socket specification

code	Types of sockets	Specification
D1	D-type auxiliary socket (26 pins)	

③ Valve bit number

code	01	02	...	11
Valve bit number	1 bit	2bit	...	11bit

④ Specification of the intake joint for the supply and exhaust block (P)

code	Specification
C6	6mm pipe joint
C8	8mm pipe joint
G01	G1/8 thread

⑤ Exhaust block (EX) exhaust joint specification

code	C6	C8	G01
Specification	6mm pipe joint	8mm pipe joint	G1/8 thread

⑥ Valve series

code	Series
Y	SY10 type solenoid valve

⑦ Specification of the entry valve

code	Function
1	2 bits 3 normally closed 3/2 NC

⑧ Coil specification

code	Specification
Z	(Non-polar type) With indicator light and overvoltage protection circuit
E	(energy saving non-polar type) with indicator light and over-voltage protection circuit

⑨ Rated voltage

code	Voltage
5	DC24V
6	DC12V

⑩ A, B orifice pipe caliber

code	Pipe connection diameter
C4	4mm pipe joint
C6	6mm pipe joint
M5	M5 thread

⑪ Manual

code	Specification
No mark	With manual lever

Parameter specification

Valve body specification	
Action type	2 bit 3 normally closed (3/2 NC)
Use fluids	Air, an inert gas
Fuel up	No need
Ambient and fluid temperature	-10°C ~ +75°C
Work pressure	0 ~ 7bar
Valve port diameter	P: 0.7mm R: 0.9mm
P→A, P→B	cv: 0.008 b: 0.11
A→R, B→R	cv: 0.015 b: 0.35
Service life [Note]	>50 million times

[Note] Laboratory test lifespan: 200 million times

Specification of electromagnetic coil	
Lead wire method	Multi-needle type
Standard voltage	DC24V / DC12V
Allow voltage fluctuation	±10%
Power	1 W
Insulation class	H
Protection grade	Dust-proof
Indicator light	LED (Light-emitting diode)
Working frequency	>50Hz
Response time	4 ~ 6ms