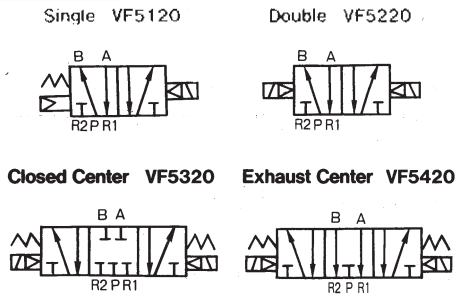


5/2, 5/3 SOLENOID VALVE 3/8 PORT

- ✓ High flow Cv 2.5
- ✓ Low power consumption (1.8W)
- ✓ 3/8 body ported
- ✓ Suitable for manifold mounting 1-10 stations
- ✓ Optional lamp and surge voltage suppressor



SYMBOLS



Body Type	Model*	Position/ Solenoid	Port Size	Effective orifice (Cv factor)mm ²
				3/8
Body Ported	VF5120-...-03	2/Single	3/8	45(2.5)
	VF5220-...-03	2/Double		45(2.5)
	VF5320-...-03	3/Closed center		36(2.0)
	VF5420-...-03	3/Exhaust center		41.4(2.3)

SOLENOID SPECIFICATIONS

Electrical entry	DIN connector
Voltages	12V DC,24V DC, 24V AC,110V AC,240V AC
Allowable voltage variation	-15 ~ +10% of rated voltage
Coil insulation	Class B or equivalent
Power consumption AC	
Inrush	5.6VA/50Hz 5.0VA/60Hz
Holding	3.4VA/50Hz 2.3VA/60Hz
Power consumption DC	1.8W/2W (with LED)
Indicator light. Surge voltage suppressor circuit	DC - diode, LED (neon lamp 110V or more) AC ZNR (varistor), Neon lamp (LED 110V or less)

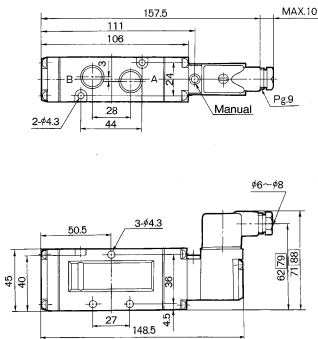
TECHNICAL SPECIFICATIONS

Fluid	Air	
Operating pressure range	2 position single	1.5 ~ 9 Bar
	2 position double	1 ~ 9 Bar
Ambient & fluid temperature		Max 50°C
Response time	2 position	30ms or less (at 5 Bar)
	3 position	50ms or less (at 5 Bar)
Max operating frequency	2 position	5 c/s
	3 position	3 c/s
Lubrication	Not required	
Manual override	Non-locking push type	
Enclosure	Dust proof	

NOTE: Solenoid coils are integral and must not be removed.

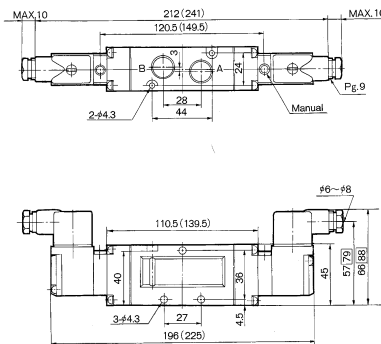
DIMENSIONS

VF5000 SINGLE SOLENOID VALVE DIN CONNECTOR



DIMENSIONS

VF5000 DOUBLE SOLENOID 5/2 & 5/3 VALVE DIN CONNECTOR



□: with indicator light and surge voltage suppressor



FOR FURTHER TECHNICAL
DETAILS ON THIS
PRODUCT REQUEST
CATALOGUE REFERENCE
E102

How To
ORDER
SEE NEXT PAGE

How To ORDER

VF5000 SOLENOID VALVE

VF5 — 20 — D — 03 — Q

VALVE TYPE

- 15/2 Single solenoid
- 25/2 Double solenoid
- 35/3 Closed Centre
- 45/3 Open Centre

VOLTAGE

- 3110V AC
- 524V DC
- 612V DC
- 7240V AC

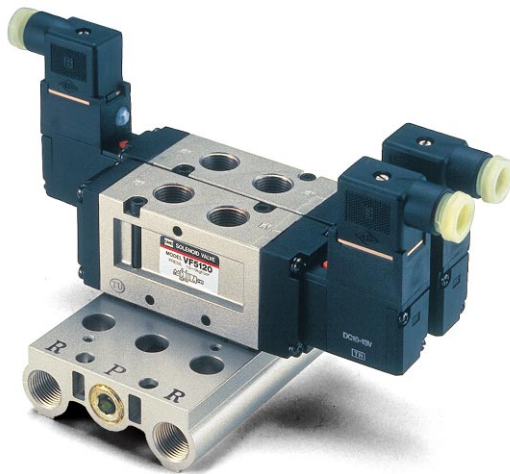
LAMP & SURGE VOLTAGE

- SUPPRESSOR
- NilWithout
- ZWith (Except 24V AC)

DIN TERMINAL

STOCKED PRODUCTS

FOR A LIST OF STOCKED PRODUCTS,
PLEASE SEE THE CURRENT SMC PRICE LIST

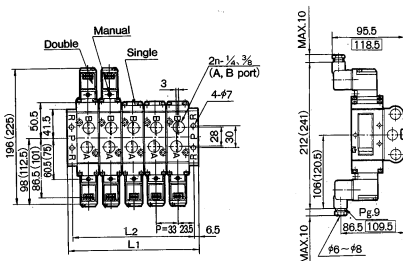


SERIES VF5000 MANIFOLDS

2- 10 station manifolds are available for connecting this body ported valve to a common air supply and exhaust.

DIMENSIONS

MANIFOLD TYPE 20 (BODY PORTED VALVE)



L ⁿ	2	3	4	5	6	7	8	9	10
L1	93	126	159	192	225	258	291	324	357
L2	80	113	146	179	212	245	278	311	344

Manifold ports
R3/8 - 6 places

How To ORDER

MANIFOLD TYPE 20

VV5F5 — 20 — 1

NUMBER OF STATIONS

- 02 ...2 stations
- 03 ...3 stations etc.

STOCKED PRODUCTS

FOR A LIST OF STOCKED PRODUCTS,
PLEASE SEE THE CURRENT SMC PRICE LIST

ACCESSORIES

MANIFOLD TYPE 20

DXT156-19-1ABlanking plate kit

STOCKED PRODUCTS

FOR A LIST OF STOCKED PRODUCTS,
PLEASE SEE THE CURRENT SMC PRICE LIST



SEE INSIDE FRONT COVER FOR
DETAILS OF YOUR LOCAL SALES OFFICE



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