

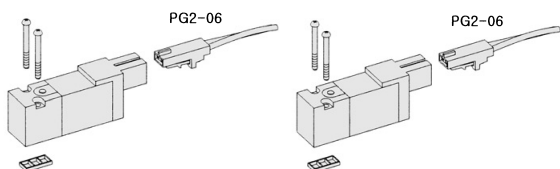
YSV10

Direct Actuated
10mm Pico Solenoid Valves

- 3/2 - Direct Operation Type
- Manifold Mounting Type
- Orifice 0.8mm

SPECIFICATION

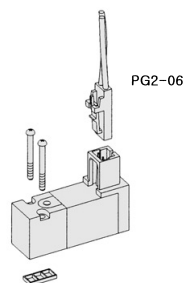
ITEM	SERIES	YSV10	YSV11
	FUNCTION	3/2-N.C	3/2-N.O
Fluids	Compressed Air & Inert Gases		
Pressure(bar)	0~8.0		
Orifice(mm)	P= ϕ 0.8, R= ϕ 0.8		
Ambient & Fluid Temp	5~60°C (41~140°F)		
Response Time(5bar)	20ms or Less		
Max. Working Frequency	10c/sec		
Lubrication	Not Required(Use ISO VG32 #)		
Manual Override	Push Button		
Coil Insulation Class	F-Class or Equivalent		
Permissible Voltage Variation	±10% of Rated Voltage		
Off Min. Residual Voltage	10% of Rated Voltage		
Power Consumption(DC)	1.2W(50mA)		



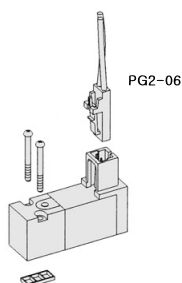
YSV10-DP-M-**



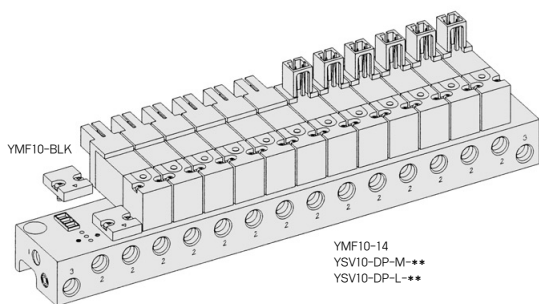
YSV11-DP-M-**



YSV10-DP-L-**



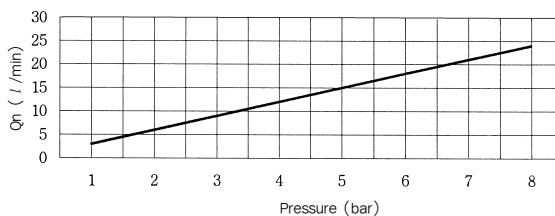
YSV11-DP-L-**



YMF10-14
YSV10-DP-M-**
YSV10-DP-L-**

** : Voltage Selection

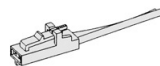
Transition Capacity Graph



The Material of Parts

- Pilot Parts : Glass Filled Nylon
- Spring : Stainless
- Seals : NBR
- Armature : Stainless Steel
- Indicator Cap : Polycarbonate

Plug Connector With Clip



Ordering Code
PG2-06 (L : 600mm)
PG2-10 (L : 1,000mm)

Blanking Plate (Material : Zinc)



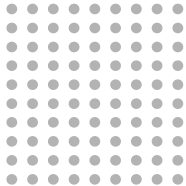
Ordering Code
YMF10-BLK

※ The specification on each item can be amended without any prenotice to improve a performance.
※ The specification on each item can be different from actual specification.

ORDERING NO.

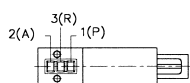
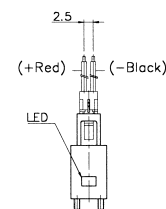
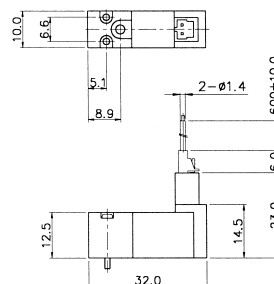
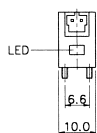
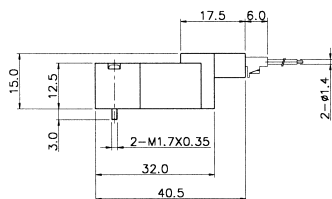
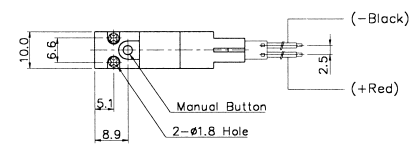
YSV1 0 - D P - L - D4

Valve Series	Function	Pilot Source	Manual Operator	Solenoid Coil Type	Voltage
YSV1 : Solenoid Valve	0 3/2 Normally Closed Spring Return 1 3/2 Normally Open Spring Return	D Direct Operated	P Push Non-Locking	L 90 Degree Plug-in Wire Assembly With LED M 180 Degree Plug-in Wire Assembly With LED	D4 DC 24V D2 DC 12V

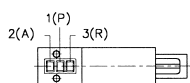


Direct Solenoid Actuated Valves

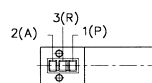
10mm Pico



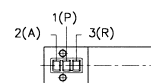
YSV10-DP-M-***
Normally Closed Type



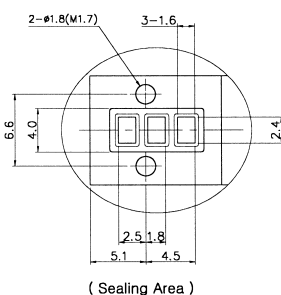
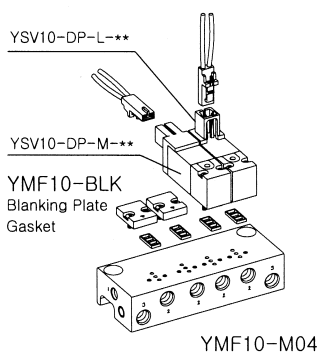
YSV11-DP-M-***
Normally Open Type



YSV10-DP-L-***
Normally Closed Type



YSV11-DP-L-***
Normally Open Type



Manifold Block Ordering Code

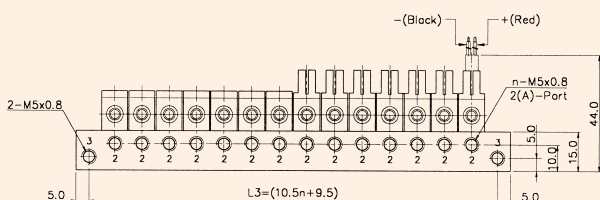
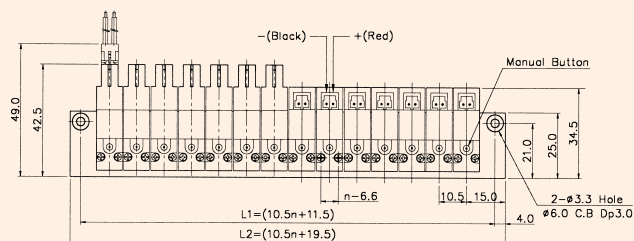
YMF 10 - 2	
Symbol	Manifold Station
YMF10	3 Way
	02 2-Station
	04 4-Station
	06 6-Station
	08 8-Station
	10 10-Station
	12 12-Station
	14 14-Station

Blanking Plate Ordering Code

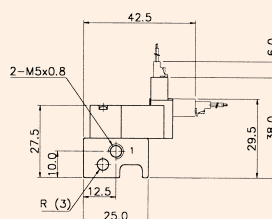
YMF10-BLK	
	Blanking Plate. (Material: Zinc)
	Blanking Plate Gasket. (Material: NBR)

YMF10 MANIFOLD BLOCK

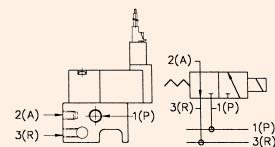
(YSV10 Solenoid Valve Use)



3-PORT MANIFOLD BLOCK DIMENSION		n = STATION						
ITEM	n	2	4	6	8	10	12	14
L1		32.5	53.5	74.5	95.5	116.5	137.5	158.5
L2		40.5	61.5	82.5	103.5	124.5	145.5	166.5
L3		30.5	51.5	72.5	93.5	114.5	135.5	156.5



Normally Closed Type



Normally Open Type

