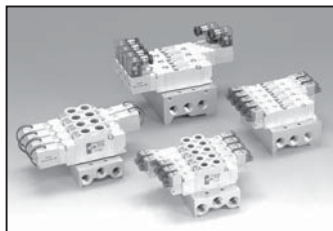
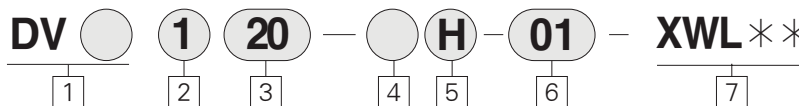


5 Port pilot solenoid valve Series DV1000 · 3000 · 4000

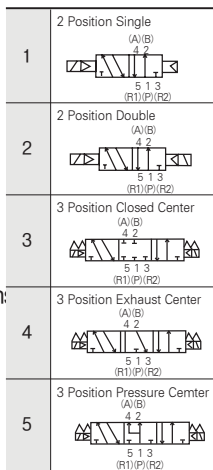


- Quick response time & large flow capacity
 - Low consumer electric power 0.6W (24VDC, 25mA)
- High Reliability
 - Long life
- Product diversity
 - Easy wiring
 - Nickel plated(copper free)
 - Built-in LED for grommet type

How to Order



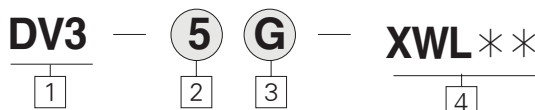
- 1 DV Valve Series**
 1 : DV1000 Series
 3 : DV3000 Series
 4 : DV4000 Series
- 2 Configuration**
 1 : Single Solenoid
 2 : Double Solenoid
 3 : Closed Center
 4 : Exhaust Center
 5 : Pressure Center
- 3 Manifold Specification**
 20 : Body Ported
 40 : Base Mounted
- 4 Voltage**
 1 : AC110V
 2 : AC220V
 5 : DC24V
 6 : DC12V



- 5 Electrical Entry**
 H : Horizontal connector(DC12,24)
 V : Vertical connector(DC12,24,AC110)
 G : Grommet Type(Basic option Lamp)
 D : Din Terminal Type(DC24) (Without Lamp)
 DZ : Din terminal Type(DC24) (With Lamp)
 * G,D,DZ types are enable DV3000, DV4000 series only.
- 6 Port Size**
 Blank : Without Sub Plate
 M5 : M5×0.8 (DV1000 Series)
 01 : Rc(PT)1/8 (DV3000 Series)
 02 : Rc(PT)1/4 (DV4000 Series)
 * When using the TPC valve be sure to use the TPC gasket.

- * It is standard to attach the LAMP/SURGE voltage protection circuit. (Products without a LAMP or SURGE voltage protection circuit should be contacted separately)
- 7 Length of lead wire**
 Blank : 300mm (Standard)
 XWL01 : 100mm
 XWL02 : 200mm
 :
 :
 :
 XWL20 : 2000mm
 ∴ Other length : Contact us

How to Order



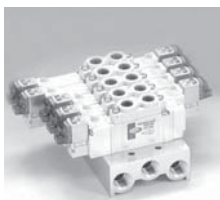
- 1 DV Series Pilot Valve Ass'y**
- 2 Configuration**
 1 : AC110V
 2 : AC220V
 5 : DC24V

- 3 LEAD Electrical Entry**
 G : Grommet type(Basic Option Lamp)
 D : Din Terminal type(Without Lamp)
 DZ : Din Terminal type(With Lamp)

- 4 Length of lead wire**
 Blank : 300mm (Standard)

- XWL01 : 100mm
 XWL02 : 200mm
 :
 :
 :
 XWL20 : 2000mm
 ∴ Other length : Contact us

Manifold



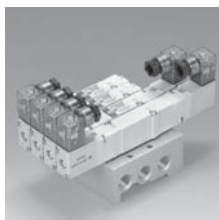
Body ported(Connector type)



Base mounted(Grommet type)



Body ported(Terminal type)



Base mounted(Terminal type)

Specifications

| Series | DV1000 | DV3000 | DV4000 | | |
|--|--|----------------------------|---|-----------------------------|-------|
| Acting | 5 Port Pilot Type Solenoid Valve(Rubber Seal) | | | | |
| Fluid | Air | | | | |
| Operating Pressure Range | 2Position Single | 0.15~0.7MPa(20~100psi) | | | |
| | 2Position Double | 0.1~0.7MPa(14~100psi) | | | |
| | 3 Position | 0.2~0.7MPa(27~100psi) | | | |
| Ambient and Fluid Temperature(°C (°F)) | MAX. 50°C (122°F) | | | | |
| Manual Override | Push&Lock Type | | | | |
| Pilot Exhaust Type | Ambient, Collection Exhaust Type | | | | |
| Lubrication | Not Required | | | | |
| Mounting Position | Free | | | | |
| Impact/Vibration Resistance(%) | H,V | 150/30(8.3~2000Hz) | | | |
| | G,D,DZ | 300/50 | | | |
| Max. Operating Frequency | 2Position | 10 | 5 | | |
| | 3 Position | 3 | 3 | 3 | |
| Protection Structure | Dust Proof(DIN connector1965) | | | | |
| Lead Electrical Entry | Connector Mounting Type H:Horizontal,V:Vertical), Grommet, Din Terminal Type | | | | |
| Voltage | DC12, DC24V, AC110V, AC220V | | | | |
| Voltage Allowance | -10(%)~+10(%)of Rated Voltage | | | | |
| Polarity | Non-polar (standard) | | | | |
| Response Time(ms) | at 5kgf/cm ² (71.1psi) | H,V | ~12ms | ~18ms | ~30ms |
| | | G,D,DZ | - | ~26ms | ~38ms |
| Power Consumption(W) | G,D,DZ | H,V | 1.0(*DC24V:0.6)(Indicator Light and Surge suppressor) | | |
| | | | With Lamp(1.6) Without Lamp(1.8) | | |
| Effective Orifice | Single | 3.6mm ² (Cv0.2) | 9.0mm ² (Cv0.5) | 16.2mm ² (Cv0.9) | |

- ACP/ UACP
- APM
- AS
- AX
- AM
- AM2
- AL/ ALX
- AQ/ UAQ
- ADQCP
- AQ2/ UADQ2
- AG/ UAG
- NGQ/ UNGQ
- AJ/ AJM
- ABK
- NSK
- GX/ AGX
- NDM
- ADR
- AMR/ UAMR
- NST
- AST
- ASTH
- NF
- NLCD
- NLCS
- TCRL
- NP
- ARD/ UARD
- NR
- ASL
- SB
- SAH
- CR/ CV
- CR/ CV-AQ2,ADQ2
- CR/ CV-AX
- CR/ CV-NLCD
- CR/ CV-AGL
- DR100
- RS
- DV1000/ 3000/4000
- DS300
- DS2000