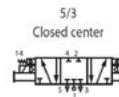
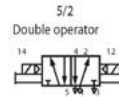
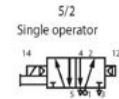


ISO SERIES - 4-WAY PILOT

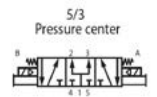
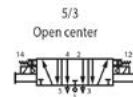
Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
5/2, 5/3	1/4"	6.1Cv	Vac. to 150PSI	Valve only - No base non-'Plug-In'. Conform to ISO 15407/1

OPERATIONAL BENEFITS

- Unique patented MACsolenoid with oval shaped armature for fastest possible response times.
- Balanced poppet 4-way pilot valve provides maximum shifting forces, precise repeatability and consistent operation.
- MAC spool and bore combination wipes away contamination, eliminates sticking and allows for use on non-lube service.
- Large spool area for maximum shifting force seven at minimum operating pressure.
- Very high flow in a compact package. Pilot valve and main valve in the same body.
- Internal or external pilot operation.
- Air only return.
- Optional low wattage DC solenoid down to 1.0 Watt.



ISO 2



ISO - MV-X1A (4-WAY PILOT)

MV - $\begin{matrix} X & X & A & - & X & X & X & X & - & XX & - & D & XX & X & - & X & XX \\ \hline 1 & 2 & 3 & 4 & 5 & 6 & 7 & & & 8 & 9 & 10 & 11 & & & & \end{matrix}$

1 - Style

B 4-way non plug-in Base P 4-way plug-in Base

2 - ISO

1 ISO1 2 ISO2 3 ISO3

3 - Type

A Solenoid B Remote Air

4 - Valve Function

Option from section 1

A Sgl. Oper./Sgl. Pressure B Dbl. Oper./Sgl. Pressure
C Sgl. Oper./Dual Pressure D Dbl. Oper./Dual Pressure
E 3-Pos. Closed Center F 3-Pos. Open Center

G 3-Pos. Dual Pressure PC.

J Sgl. Oper. /Sgl. & Dual Pressure (Universal)

K Dbl. Oper./Sgl. & Dual Pressure (Universal)

L 3 Position Universal Closed Center

M 3 Position Universal Open Center

5 - Spool Return

A Standard return B Memory spring (N/A w/Univ.)
D Standard return / light on top E Memory spring / light on top
G Standard Return/Pilot Exh.out Main Exhaust (DU Pilot Only)

6 - Internal / External Pilot

A Internal pilot sgl. pressure B Ext. pilot 12 end
C External pilot 14 end D Dual pres. int. pilot from #3
E Dual pres. int. pilot from #5

7 - Pilot Valve Exhaust Options

DM Pilot valve w/muffled exhaust DP Pilot valve w/piped exhaust
DU Pilot Valve w/ Exhaust to Main Exhaust

8 - Voltage Options

JA 120/60, 110/50 JC 24/60, 24/50
JF 240/50 DA 24 VDC (54W)
DB 12 VDC (54W) DE 12 VDC (12.7W)(CLSF)
DF 24 VDC (12.7W)(CLSF) FA 12 VDC (1.8W)
FB 24 VDC (1.8W) FE 12 VDC (24W)
FF 24 VDC (24W)

9 - Lead Length - Other Options Available

P Plug-in standard O No wires
A 18" Coil leads J 6" Coil leads

10 - Manual Operator Options

0 No operator 1 Non-locking manual operator
2 Locking manual op. 3 Non-locking extended manual operator
4 Locking extended manual operator

11 - Electrical Connection Options

BA Grommet BK Grommet with diode
BL Grommet with M.O.V. JB Rectangular plug-in
JD Rect. plug-in w/light JM Rectangular male only
KA Mini plug-in KB Mini plug-in with diode
KC Mini plug-in w/M.O.V. KD Mini plug-in with light
KE Mini plug-in w/light & diode KF Mini plug-in w/light & M.O.V.
KG Mini plug-in w/LED light & diode KJ Mini plug-in male only
KK Mini plug-in male only w/diode KL Mini plug-in M. only w/M.O.V.

Note: On above options a ground wire is required when the coil is above 30 volts.

Pilot Valves - Bodies and Assemblies

DMB-A3 4 Way Pilot Body (Muffled Exhaust)
DPB-A3 4 Way Pilot Body (Piped Exhaust)
DMB-DXXX-XXX-3 Complete Pilot Valve
DPB-DXXX-XXX-3 Complete Pilot Valve
DXXX-XXX 1 Solenoid and Cover Assembly
DM3A-A3 3 Way Pilot Body (Muffled Exhaust)
DP3A-A3 3 Way Pilot Body (Piped Exhaust)
DM3A-DXXX-XXX-3 Complete 3-Way Pilot Valve
DP3A-DXXX-XXX-3 Complete 3-Way Pilot Valve

Modifications

416G 2 1/2ft. Prewired cord (for mini connector)
416K 6ft. Prewired cord (for mini connector)
416L 10ft. Prewired cord (for mini connector)

Note: Low wattage available as complete valves only.
Note: For double solenoid valves, all adders must be doubled.

