

PV10 Series

The MAC Pulse Valve series is designed to be a direct drop-in replacement for existing pulse technology. The MAC solution utilizes a long life, bonded spool design, instead of the traditional diaphragm style. MAC also uses a balanced pilot valve that isolates the solenoid from airline contamination. Available with integral solenoid pilot as well as bleed pilot configurations.

DIRECT DROP-IN

The MAC Pulse Valve is available with various adapter options. These adapter options allow the MAC Valve to directly replace the diaphragm technology with our bonded spool technology without disturbing plumbing. The MAC bleed configuration works with existing remotely located solenoids.

HARSH ENVIRONMENT COMPATIBLE

An aluminium die-cast body, Viton® seals and an environmentally protected solenoid are standard features. These materials allow for a wide standard temperature rating and high degree of chemical resistance.

MAINTENANCE

Lower cost of ownership through reduction in downtime due to high reliability. When necessary, maintenance is simplified with available spool kits.

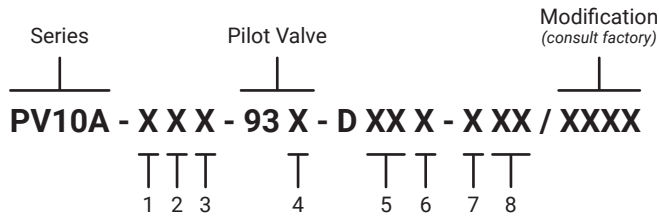


PRODUCT CHARACTERISTICS & PERFORMANCE

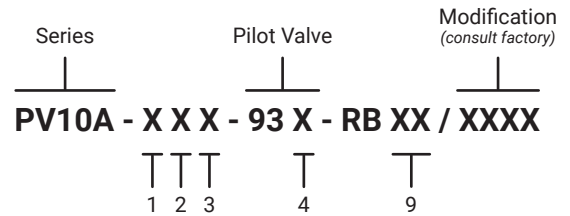
Flow	140.0 Cv
Temperature Range • Nitrile	-18°C / 60°C 0°F / 140°F
Temperature Range • Viton	-29°C / +110°C -20°F / 230°F
Pressure Range	2.75 - 8.27 bar 40 - 120 PSI

MAC Pulse Valve Series PV10 How To Order

INTEGRAL PILOT VALVE



REMOTE BLEED VALVE



Configurations Options

1. Spool Type		2. Port Size & Thread Type				3. Internal / External Pilot		4. Pilot Exhaust	
0	Base only	0	Basic valve, no base	G	2 1/2" BSPPL 90°	0	Base only	P	Piped exhaust
A	NC main with memory spring Viton® seals	A	2" NPTF 90°	H	2 1/2" BSPPL 180°	A	Internal pilot (NPTF threads)		
		B	2" NPTF 180°	J	2" BSPTR 90°	B	External pilot (NPTF threads)		
		C	2 1/2" NPTF 90°	K	2" BSPTF 180°	C	External pilot (BSPPL threads)		
		D	2 1/2" NPTF 180°	L	2 1/2" BSPTR 90°	D	External pilot (BSPTR threads)		
		E	2" BSPPL 90°	M	2 1/2" BSPTR 180°	E	Internal pilot (BSPPL threads)		
		F	2 1/2" BSPPL 180°			F	Internal pilot (BSPTR threads)		

Solenoid Valve Options

5. Voltage		6. Lead Wire Length		7. Manual Override		8. Electrical Connector	
AC Voltage		A	18" / 45 cm	1	Non locking	BA	Grommet
JA	110/50 VAC • 2.9 W	B	24" / 60 cm			BK	Grommet with diode
JB	220/50 VAC • 2.9 W	C	36" / 90 cm			CM	Metal conduit 1/2"
JD	100/50 VAC • 3.9W	D	48" / 120 cm			CN	Metal conduit with ground 1/2"
DC Voltage		E	72" / 180 cm			EE	Hazardous location explosion proof
DA	24 VDC • 5.4 W	F	96" / 240 cm			JA	Square plug-in
DB	12 VDC • 5.4 W	J	External connector lead			JB	Rectangular plug-in
DC	12 VDC • 7.5 W					JC	Square plug-in with light
EW	24 VDC • 8.0 W					JD	Rectangular plug-in with light
						JJ	Square male only
						JM	Rectangular male only
						KA	Mini plug-in
						KB	Mini plug-in with diode
						KC	Mini plug-in with LED & diode
						KD	Mini plug-in with light
						KE	Mini plug-in with light & diode
						KJ	Mini plug-in male only
						KK	Mini plug-in male only with diode

Pilot Only Options: Bodies & Assemblies

93A-LP0-F0J-HP-RBXX / XXXX	Bleed pilot valve
93A-LP0-F0J-HP-DXXX-XXX / XXXX	Solenoid operated pilot valve
HPA-RBXX / XXXX	Pilot to RB 93
HPA-DHXXV-YZZ / XXXX	Pilot to 93

See options above and modifications below.

Modifications: One Selection Required

PVVT	Viton seals, NPTF threads on pilot
EVVT	Viton seals, BSPPL threads on pilot
PVTR	Viton seals, BSPTR threads on pilot

Remote Bleed

9. Thread Type			
11	NPTF threads	15	BSPTR threads
14	BSPPL threads		

MAC Pulse Valve Series PV10 Dimensions

Whole Valve • PV10 + Pilot Valve

