

Individual mounting Sub-base non "plug-in" Sub-base manifold base non "plug-in" with latching solenoid Manifold mounting Sub-base/manifold base "plug-in" with latching solenoid 33 Manifold mounting

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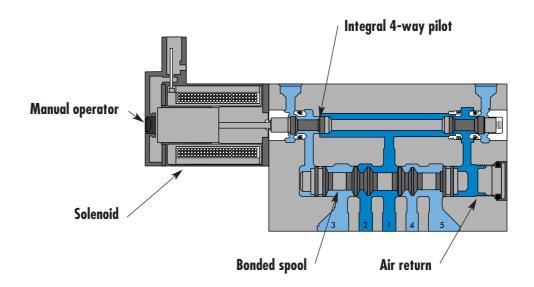
ISO 01

ISO 02

ISO 1

ISO 2

ISO 3



SERIES FEATURES

- High force MACSOLENOID®.
- Integral 4-way pilot design.
- Single or dual pressure.
- Internal or external pilot.
- Single or double solenoid.
- 2 or 3 position.
- Rectified AC voltage.
- Latching solenoid technology.



Function		Port size	Flow (Max)	Individual mounting	Series
5/2, 5/3		# 10-32 - 1/4" O.D. tube receptor	0.4 C _V	Sub-base non "plug-in"	
OPERATIONAL BEN	EFITS				33
. 4-way valve wit					34
2. 10 mm valve (st 3. High flow (up to		mm centers).			
1. Fast repeatable		S.			36
. Maximum shiftir	ng forces in bo	th directions.		and the same of th	
. Long life.				46	32
					32
				(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	37
				+111	38
				2 4	
				-	52
HOW TO ORDI	ER				67
SINGLE PRESSU	JRE MODEL	S (VALVE WITH BASE CO	DED FOR SIDE PORTS)		69
Port size	Pilot air	5/2 Single solenoid	5/2 Double solenoid	5/3 Closed center	5/3 Open center 44
		12 2 4 14			
		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	<u> </u>	3 1 5	315
Valve less	Internal	42B-AMA-000-Gxxx-xxx	42B-BMA-000-Gxxx-xxx	42B-EMA-000-Gxxx-xxx	42B-FMA-000-G <i>xxx-xxx</i>
base	External	42B-AMD-000-Gxxx-xxx	42B-BMD-000-Gxxx-xxx	42B-EMD-000-Gxxx-xxx	42B-FMD-000-Gxxx-xxx 42B-FMA-AAI-Gxxx-xxx
# 10-32	Internal External	42B-AMA-AAL-G xxx-xxx 42B-AMD-AAM-G xxx-xxx	42B-BMA-AAL-Gxxx-xxx 42B-BMD-AAM-Gxxx-xxx	42B-EMA-AAL-Gxxx-xxx 42B-EMD-AAM-Gxxx-xxx	42D FAID AAAA CHAY YAY
1/4" O.D.	Internal	42B-AMA-EAL-Gxxx-xxx	42B-BMA-EAL-Gxxx-xxx	42B-EMD-AAM-GXXX-XXX	42B-FMA-EAL-GXXX-XXX
tube receptacles	External	42B-AMD-EAM-GXXX-XXX	42B-BMD-EAM-GXXX-XXX	42B-EMD-EAM-GXXX-XXX	42B-FMD-EAM-GXXX-XXX 48P
		(VALVE WITH BASE CODE	·		E/2 Procesure conton
Port size		Pilot air	5/2 Single solenoid	5/2 Double solenoid	5/3 Pressure center
W. L. L L		1 0 1 110	5 ° 7 ° 3	56 \$ 63	315 400
Valve less b	ase Inf	ernal Supply #3 port	42B-CMB-000-G xxx-xxx	42B-DMB-000-G xxx-xxx	42B-HMB-000-G <i>xxx-xxx</i>
		Supply #5 part	ADD CMC DOD CANA ANA	42P DMC 000 CVVV VVV	42P HMC 000 CVVV VVV
	——————————————————————————————————————	Supply #5 port	42B-CMC-000-Gxxx-xxx	42B-DMC-000-G xxx-xxx	42B-HMC-000-Gxxx-xxx
# 10-32		ternal	42B-CMD-000-G xxx-xxx	42B-DMD-000-G xxx-xxx	42B-HMD-000-GXXX-XXX
# 10-32					
# 10-32	Int	ternal Supply #3 port	42B-CMD-000-Gxxx-xxx 42B-CMB-AAL-Gxxx-xxx	42B-DMD-000-G xxx-xxx 42B-DMB-AAL-G xxx-xxx	42B-HMD-000-Gxxx-xxx 42B-HMB-AAL-Gxxx-xxx 42B-HMC-AAL-Gxxx-xxx 42B-HMD-AAM-Gxxx-xxx
# 10-32	Int	ternal Supply #3 port Supply #5 port	42B-CMD-000-G <i>xxx-xxx</i> 42B-CMB-AAL-G <i>xxx-xxx</i> 42B-CMC-AAL-G <i>xxx-xxx</i>	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX
	Ex:	ternal Supply #3 port Supply #5 port ternal	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX
1/4" O.D	Ex Int	ternal Supply #3 port Supply #5 port ternal Supply #3 port	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX
1/4" O.D	Ex Int	ternal Supply #3 port Supply #5 port ternal Supply #3 port Supply #3 port Supply #3 port Supply #5 port ternal	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX 42B-CMC-EAL-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX 150
1/4" O.D	Ex Int	ternal Supply #3 port Supply #5 port ternal Supply #3 port Supply #3 port Supply #3 port Supply #5 port ternal	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX 42B-HMC-EAL-GXXX-XXX 150 150
1/4" O.D tube receptor	Interview Interv	ternal Supply #3 port Supply #5 port ternal Supply #3 port Supply #3 port Supply #5 port Supply #5 port ternal PERATOR >	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX 42B-CMC-EAL-GXXX-XXX 42B-CMC-EAL-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX 42B-HMC-EAL-GXXX-XXX 150 150
1/4" O.D tube receptor STANDARD SC	Ex Interest	ternal Supply #3 port Supply #5 port ternal Supply #3 port Supply #3 port Supply #5 port Supply #5 port ERATOR > Wire lengt	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX 42B-CMC-EAL-GXXX-XXX 42B-CMD-EAM-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX 42B-DMD-EAM-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX 42B-HMC-EAL-GXXX-XXX 150 150 Electrical connection
1/4" O.D tube receptor STANDARD SC XX Volta AA 120 VA DC 24 VDC	Exples Exples	sternal supply #3 port Supply #5 port supply #5 port supply #3 port Supply #3 port Supply #5 port supply #5 port ternal PERATOR > Wire leng A 18" B 24"	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX 42B-CMC-EAL-GXXX-XXX 42B-CMC-EAM-GXXX-XXX 42B-CMD-EAM-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX 42B-DMD-EAM-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX 42B-HMB-EAL-GXXX-XXX 1S0 42B-HMD-EAM-GXXX-XXX 1S0 1S0 Electrical connection Flying leads Flying leads with light
1/4" O.D tube receptor TANDARD SC XX Volta AA 120 VA DC 24 VDC DD 24 VDC	Ex Interest	ternal Supply #3 port Supply #5 port ternal Supply #3 port Supply #3 port Supply #5 port ternal PERATOR > Wire length	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX 42B-CMC-EAL-GXXX-XXX 42B-CMC-EAM-GXXX-XXX 42B-CMD-EAM-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX 42B-DMD-EAM-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMD-EAL-GXXX-XXX 42B-HMD-EAM-GXXX-XXX 1S0 1S0 1S0 Electrical connection Flying leads Flying leads Flying leads vith light MAC JAC solenoid Plug-in
1/4" O.D tube receptor STANDARD SC XX Volta AA 120 VA DC 24 VDC DD 24 VDC	Exples Ex	sternal supply #3 port Supply #5 port supply #5 port supply #3 port Supply #3 port Supply #5 port supply #5 port ternal PERATOR > Wire leng A 18" B 24" C 36"	42B-CMD-000-GXXX-XXX 42B-CMB-AAL-GXXX-XXX 42B-CMC-AAL-GXXX-XXX 42B-CMD-AAM-GXXX-XXX 42B-CMB-EAL-GXXX-XXX 42B-CMC-EAL-GXXX-XXX 42B-CMC-EAM-GXXX-XXX 42B-CMD-EAM-GXXX-XXX	42B-DMD-000-GXXX-XXX 42B-DMB-AAL-GXXX-XXX 42B-DMC-AAL-GXXX-XXX 42B-DMD-AAM-GXXX-XXX 42B-DMB-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX 42B-DMC-EAL-GXXX-XXX 42B-DMD-EAM-GXXX-XXX 42B-DMD-EAM-GXXX-XXX	42B-HMD-000-GXXX-XXX 42B-HMB-AAL-GXXX-XXX 42B-HMC-AAL-GXXX-XXX 42B-HMD-AAM-GXXX-XXX 42B-HMB-EAL-GXXX-XXX 42B-HMC-EAL-GXXX-XXX 1S0 IS0 IS0 Electrical connection Flying leads Flying leads with light MAC JAC solenoid Plug-in Plug-in wire assy. Plug-in wire assy. Plug-in wire assy.







Fluid:

Compressed air, vacuum, inert gases

Pressure range: Internal Pilot - 2 pos. : 20 to 120 PSI 3 pos. : 40 to 120 PSI

External Pilot: vacuum to 120 PSI

Pilot pressure: 2 position: 20 to 120 PSI 3 position: 40 to 120 PSI

Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)

Filtration: 40 µ

Temperature range: 0°F to 120°F (-18°C to +50°C)

Flow: # 10-32 : $(0.35 \, \text{C}_{\text{v}}) - 1/4'' \, \text{O.D.}$ tube receptacle : $(0.4 \, \text{C}_{\text{v}})$

Coil: Class A wire (#22 AWG x 18), continuous duty

Voltage range: -15% to +10% of nominal voltage

Power: 1.0 to 4.0 W

 Power:
 1.0 to 4.0 W

 Response times:
 Energize: 5 ms

(with 24V 4 W coil) De-energize: 5 ms

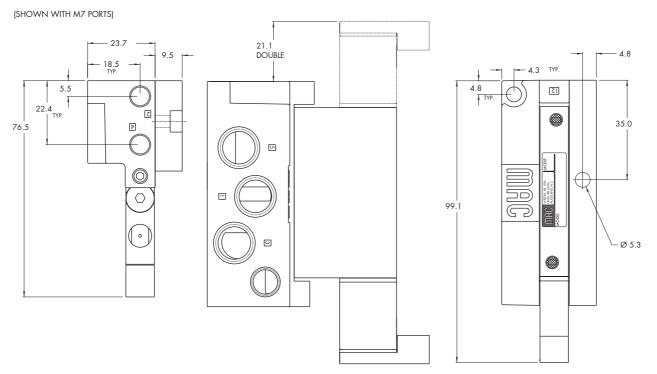
Options : • M5 ports, M7 ports, 6 mm O.D. tube receptacles

• Sandwich flow controls : FC42B-BB

• Sandwich regulator : see 'Regulator' section

DIMENSIONS

Dimensions shown are metric (mm)





Function	Port size	Flow (Max)	Individual n	nounting	Series
5/2, 5/3	# 10-32 - 1/4" O.D. tube receptacle	0.4 C _v	Sub-base "plug-in"		

OPERATIONAL BENEFITS

- 1. 4-way valve with 4-way integral pilot.
- 2. 10 mm valve (stacks on 10.5 mm centers).
- 3. High flow (up to $0.4 C_v$).
- 4. Fast repeatable response times.
- 5. Maximum shifting forces in both directions.
- 6. Long life.



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HOW TO ORDER

SINGLE PRESSURE MODELS (LED STANDARD EXCEPT FOR SINGLE SOLENOIDS) - MODELS CODED FOR SIDE PORTS

Port size	Pilot air	d air 5/2 5/2 Single solenoid Double solenoid		5/3 Closed center	5/3 Open center
		12 2 4 14 17 14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	12 2 4 14 17 7 7 3 15	12 2 4 14 14 17 17 17 17 17 17 17 17 17 17 17 17 17	12 2 4 14
Valve less	Internal	42B-AMA-000-G xx P- xxx	42B-BME-000-GxxP-xST	42B-EME-000-GxxP-xST	42B-FME-000-GxxP-xST
base	External	42B-AMD-000-GxxP-xxx	42B-BMH-000-G xx P- x ST	42B-EMH-000-G xx P- x ST	42B-FMH-000-G xx P- x ST
# 10-32	Internal	42B-AMA-AAA-GxxP-xxx	42B-BME-AAC-GxxP-xST	42B-EME-AAC-GxxP-xST	42B-FME-AAC-GxxP-xST
	External	42B-AMD-AAB-GxxP-xxx	42B-BMH-AAD-G xx P- x ST	42B-EMH-AAD-GxxP-xST	42B-FMH-AAD-G xx P- x ST
1/4" O.D.	Internal	42B-AMA-EAA-GxxP-xxx	42B-BME-EAC-GxxP-xST	42B-EME-EAC-GxxP-xST	42B-FME-EAC-GxxP-xST
tube receptacles	External	42B-AMD-EAB-GxxP-xxx	42B-BMH-EAD-GxxP-xST	42B-EMH-EAD-GxxP-xST	42B-FMH-EAD-G xx P- x ST

DUAL PRESSURE MODELS (LED STANDARD EXCEPT FOR SINGLE SOLENOIDS) - MODELS CODED FOR SIDE PORTS

Port size	Pilot air	Pilot air 5/2 Single solenoid		5/3 Pressure center
		14 17D 10 10 10 10 10 10 10 10 10 10 10 10 10		12 2 4 14 SMM A 7 3 1 5
Valve less base	Internal Supply #3 port	42B-CMB-000-G xx P- xxx	42B-DMF-000-G xx P- x ST	42B-HMF-000-G xx P- x ST
	Supply #5 port	42B-CMC-000-GxxP-xxx	42B-DMG-000-G xx P- x ST	42B-HMG-000-GxxP-xST
	External	42B-CMD-000-GxxP-xxx	42B-DMH-000-G xx P- x ST	42B-HMH-000-G xx P- x ST
# 10-32	Internal Supply #3 port	42B-CMB-AAA-G xx P- xxx	42B-DMF-AAC-GxxP-xST	42B-HMF-AAC-GxxP-xST
	Supply #5 port	42B-CMC-AAA-G xx P- xxx	42B-DMG-AAC-GxxP-xST	42B-HMG-AAC-GxxP-xST
	External	42B-CMD-AAB-GxxP-xxx	42B-DMH-AAD-GxxP-xST	42B-HMH-AAD-GxxP-xST
1/4" O.D.	Internal Supply #3 port	42B-CMB-EAA-GxxP-xxx	42B-DMF-EAC-GxxP-xST	42B-HMF-EAC-GxxP-xST
tube receptacles	Supply #5 port	42B-CMC-EAA-GxxP-xxx	42B-DMG-EAC-GxxP-xST	42B-HMG-EAC-GxxP-xST
	External	42B-CMD-EAB-GxxP-xxx	42B-DMH-EAD-GxxP-xST	42B-HMH-EAD-GxxP-xST

STANDARD SOLENOID OPERATOR ➤

G	XX	P-XXX*

XX	Voltage	X Manual operator	XX Electrical connection
AA	120 VAC (2.5W)	 Non-locking recessed 	Double solenoid & 3 position models
DC	24 VDC (1.8W)	2 Locking recessed	ST Base plug-in
DD	24 VDC (2.5W)		Single solenoid models
DF	24 VDC (4.0W)		5A Base plug-in
			SJ Base plug-in with light
Note : AC	voltage requires connector with rectifier (for do	uble solenoid consult factory).	55 Base plug-in with rectifier & light & ground

Other options available, see page 311.

Other options available for the 42 series valves, see page 108.







Fluid: Compressed air, vacuum, inert gases

Pressure range: Internal Pilot - 2 pos. : 20 to 120 PSI 3 pos. : 40 to 120 PSI

External Pilot: vacuum to 120 PSI

Pilot pressure: 2 position: 20 to 120 PSI 3 position: 40 to 120 PSI

Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)

Filtration: 40 µ

Temperature range: 0°F to 120°F (-18°C to +50°C)

Flow: # 10-32 : $(0.35 \, \text{C}_{\text{v}}) - 1/4'' \, \text{O.D.}$ tube receptacle : $(0.4 \, \text{C}_{\text{v}})$

Coil: Class A continuous duty, #22 AWG x 12 base leads

Voltage range: -15% to +10% of nominal voltage

Power: 1.0 to 4.0 W

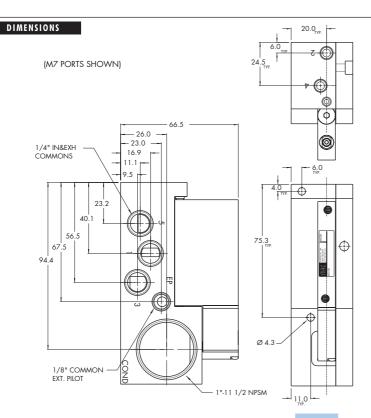
1.0 10 4.0 **

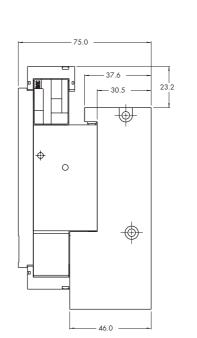
Response times: Energize: 5 ms (with 24V 4 W coil) De-energize: 5 ms

Options : • M5 ports, M7 ports, 6 mm O.D. tube receptacles

• Sandwich flow controls : FC42B-AB

• Sandwich regulator : see 'Regulator' section





Dimensions shown are metric (mm)



Function	Port size	Flow (Max)	Manifold mounting	Series
5/2, 5/3	# 10-32 - 1/4" O.D. tube receptacle	0.4 C _v	Manifold base non "plug-in"	
OPERATIONAL BENEFITS			-	33
1. 4-way valve with 4-wa 2. 10 mm valve (stacks or	n 10.5 mm centers).		, 1	34
 High flow (up to 0.4 C Fast repeatable response 				36

6. Long life.

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HOW TO ORDER

5. Maximum shifting forces in both directions.

SINGLE PRESSURE MODELS (MIDDLE STATION MANIFOLDS WITH SIDE PORTS)

		`		,		
Port size	Pilot air 5/2 Single solenoid		t air 5/2 Single solenoid 5/2 Double solenoid		5/3 Open center	
		12 2 4 14 17 1 4 3 15	12 2 4 14 T 3 15	12 2 4 14 MMD 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 2 4 14 MMD 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Valve less	Internal	42B-AMA-000-G xxx-xxx	42B-BMA-000-G xxx-xxx	42B-EMA-000-G xxx-xxx	42B-FMA-000-G xxx-xxx	
base	External	42B-AMD-000-G xxx-xxx	42B-BMD-000-G xxx-xxx	42B-EMD-000-G xxx-xxx	42B-FMD-000-G xxx-xxx	
# 10-32	Internal	42B-AMA-AJL-Gxxx-xxx	42B-BMA-AJL-Gxxx-xxx	42B-EMA-AJL-Gxxx-xxx	42B-FMA-AJL-G xxx-xxx	
	External	42B-AMD-AJM-G xxx-xxx	42B-BMD-AJM-Gxxx-xxx	42B-EMD-AJM-Gxxx-xxx	42B-FMD-AJM-Gxxx-xxx	
1/4" O.D.	Internal	42B-AMA-EJL-Gxxx-xxx	42B-BMA-EJL-Gxxx-xxx	42B-EMA-EJL-Gxxx-xxx	42B-FMA-EJL-G xxx-xxx	
tube receptacles	External	42B-AMD-EJM-Gxxx-xxx	42B-BMD-EJM-Gxxx-xxx	42B-EMD-EJM-Gxxx-xxx	42B-FMD-EJM-Gxxx-xxx	

DUAL PRESSURE MODELS (MIDDLE STATION MANIFOLDS WITH SIDE PORTS)

Port size	Pilot air	5/2 Single solenoid	5/2 Double solenoid	5/3 Pressure center	
		14 2 12 S S S S S S S S S S S S S S S S S	14 4 2 12 17b 7 3	12 2 4 14 MDD 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Valve less base	Internal Supply #3 p	oort 42B-CMB-000-G xxx-xxx	42B-DMB-000-G xxx-xxx	42B-HMB-000-G xxx-xxx	
	Supply #5 p	oort 42B-CMC-000-Gxxx-xxx	42B-DMC-000-Gxxx-xxx	42B-HMC-000-Gxxx-xxx	
	External	42B-CMD-000-Gxxx-xxx	42B-DMD-000-Gxxx-xxx	42B-HMD-000-Gxxx-xxx	
# 10-32	Internal Supply #3 p	oort 42B-CMB-AJL-Gxxx-xxx	42B-DMB-AJL-Gxxx-xxx	42B-HMB-AJL-Gxxx-xxx	
	Supply #5 p	oort 42B-CMC-AJL-Gxxx-xxx	42B-DMC-AJL-Gxxx-xxx	42B-HMC-AJL-Gxxx-xxx	
	External	42B-CMD-AJM-Gxxx-xxx	42B-DMD-AJM-Gxxx-xxx	42B-HMD-AJM-Gxxx-xxx	
1/4" O.D.	Internal Supply #3 p	oort 42B-CMB-EJL-G xxx-xxx	42B-DMB-EJL-Gxxx-xxx	42B-HMB-EJL-Gxxx-xxx	
tube receptacles	Supply #5 p	oort 42B-CMC-EJL-G xxx-xxx	42B-DMC-EJL-Gxxx-xxx	42B-HMC-EJL-Gxxx-xxx	
	External	42B-CMD-EJM-Gxxx-xxx	42B-DMD-EJM-Gxxx-xxx	42B-HMD-EJM-Gxxx-xxx	

G	XXX-XXX

				J 5			
ХХ	Voltage	Х	Wire length	X	Manual operator	XX	Electrical connection
AA	120 VAC (2.5W)	Α	18"	1	Non-locking recessed	BA	Flying leads
DC	24 VDC (1.8W)	В	24"	2	Locking recessed	BT	Flying leads with light
DD	24 VDC (2.5W)	С	36"			GA	MAC JAC solenoid plug-in
DF	24 VDC (4.0W)					KA	Plug-in wire assy.
Note : - A	C voltage requires connector wit	th rectifier				KT	Plug-in wire assy. with light
* Other	AC voltage requires connector wit options available, see page 311. solenoid available for 5/2 valves.	iii reciiilei.				KD	Plug-in wire assy. with
Latchina s	colenoid available for 5/2 valves.						rectifier & light & ground

Other options available, see page 311. Latching solenoid available for 5/2 valves.

Manifold assemblies consist of (1) left end manifold, (1) right end manifold, and middle station manifolds (options "J" or "K").

Other options available for the 42 series valves, see page 107.







Fluid: Compressed air, vacuum, inert gases

Pressure range: Internal Pilot - 2 pos. : 20 to 120 PSI 3 pos. : 40 to 120 PSI

External Pilot: vacuum to 120 PSI

Pilot pressure: 2 position: 20 to 120 PSI 3 position: 40 to 120 PSI

Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)

Filtration: 40 µ

Temperature range: 0°F to 120°F (-18°C to +50°C)

Flow: $# 10-32 : (0.35 C_v) - 1/4" O.D. tube receptacle : (0.4 C_v)$

Class A wire (#22 AWG x 18), continuous duty

Voltage range: -15% to +10% of nominal voltage

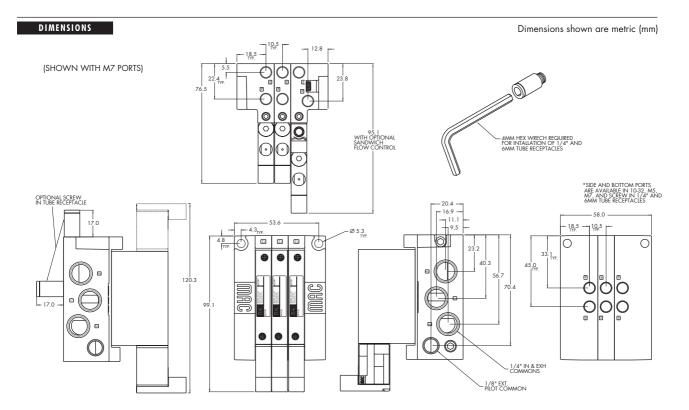
Power: 1.0 to 4.0 W

Response times: Energize: 5 ms (with 24V 4 W coil) De-energize: 5 ms

Options : • M5 ports, M7 ports, 6 mm O.D. tube receptacles • Sandwich flow controls : FC42B-BB

• Sandwich regulator: see "regulators" section • Isolator disk for inlet or exhaust: 28454

• Valve blanking plate : M-42004





Function		Port size	Floш (Max)	Manifold mounting		Series
5/2, 5/3		# 10-32 - 1/4" O.D. tube receptor	0.4 C _V	Manifold base "plug-in"		
PERATIONAL BEN	IEFITS					33
4-way valve wit					_	34
. 10 mm valve (s . High flow (up to . Fast repeatable . Maximum shifting	o 0.4 C _V). response time	s.		5		36
. Long life.					99	32
						37
				200		38
						52
HOW TO ORD	ER					67
		S (IED STANDARD EXCEPT	FOR SINGLE SOLENOIDS	3)		69
Port size	Pilot air	5/2 Single solenoid	5/2 Double solenoid	5/3 Closed center	5/3 Open center	44
		12 2 4 14 17 14 3 3 1 5	12 2 4 14 3 15 3 15 T	12 2 4 14 ME 11 4 3MM 	12 2 4 14 MD 1 3 15	46
Valve less	Internal	42B-AMA-000-G xx P- xxx	42B-BME-000-G xx P- x ST	42B-EME-000-GxxP-xST	42B-FME-000-GxxP-xST	
base	External	42B-AMD-000-G xx P- xxx	42B-BMH-000-G xx P- x ST	42B-EMH-000-G xx P- x ST	42B-FMH-000-G xx P- x ST	42
# 10-32	Internal	42B-AMA-AJA-GxxP-xxx	42B-BME-AJC-GxxP-xST	42B-EME-AJC-GxxP-xST	42B-FME-AJC-GxxP-xST	
- / - / - D	External	42B-AMD-AJB-GxxP-xxx	42B-BMH-AJD-GxxP-xST	42B-EMH-AJD-GxxP-xST	42B-FMH-AJD-GxxP-xST	47
1/4" O.D. tube receptacles	Internal External	42B-AMA-EJA-GXXP-XXX 42B-AMD-EJB-GXXP-XXX	42B-BME-EJC-GxxP-xST 42B-BMH-EJD-GxxP-xST	42B-EME-EJC-GxxP-xST 42B-EMH-EJD-GxxP-xST	42B-FME-EJC-GxxP-xST 42B-FMH-EJD-GxxP-xST	48
		(LED STANDARD EXCEPT F		425 21111 255 0301 301	- TET INITED CAN ACT	
Port size		Pilot air	5/2 Single solenoid	5/2 Double solenoid	5/3 Pressure center	48
			14 4 2 12 S V S S V S S	14 1/25 10 10 10 10 10 10 10 10 10 10 10 10 10	12 2 4 14 STMM	40
Valve less b	ase Inte	ernal Supply #3 port	42B-CMB-000-GxxP-xxx	42B-DMF-000-GxxP-xST	42B-HMF-000-GxxP-xST	
		Supply #5 port	42B-CMC-000-G xx P- xxx	42B-DMG-000-G xx P- x ST	42B-HMG-000-G xx P- x ST	92
		ternal	42B-CMD-000-G xx P- xxx	42B-DMH-000-G xx P- x ST	42B-HMH-000-G xx P- x ST	
# 10-32	Int	ernal Supply #3 port	42B-CMB-AJA-GxxP-xxx	42B-DMF-AJC-GxxP-xST	42B-HMF-AJC-GxxP-xST	93
		Supply #5 port	42B-CMC-AJA-GxxP-xxx	42B-DMG-AJC-GxxP-xST	42B-HMG-AJC-GxxP-xST	
1/4" O.D		ernal Supply #3 port	42B-CMD-AJB-GxxP-xxx 42B-CMB-EJA-GxxP-xxx	42B-DMH-AJD-GXXP-XST 42B-DMF-EJC-GXXP-XST	42B-HMH-AJD-GxxP-xST 42B-HMF-EJC-GxxP-xST	ISC
tube receptac		Supply #5 port	42B-CMC-EJA-GXXP-XXX	42B-DMG-EJC-GxxP-xST	42B-HMG-EJC-GxxP-xST	ISC
		ternal	42B-CMD-EJB-GxxP-xxx	42B-DMH-EJD-G xx P- x ST	42B-HMH-EJD-GxxP-xST	ISC
tandard sc	DLENOID OI	PERATOR ➤	G <u>xx</u> P- <u>xxx</u> .	Above numbers are middle st	ation manifolds with side ports	ISC
XX Volte	MMO	X	Manual oncretor	XX Electric	cal connection	
	age AC (2.5W)	1	Manual operator Non-locking recessed		& 3 position models	
DC 24 VD	C (1.8W)	2	Locking recessed	ST Base plug	-in	
	C (2.5W) C (4.0W)			Single solenoid I SA Base plug		
	railable see na	211			-in with light	

* Other options available, see page 311.
** Latching solenoid available for 5/2 valves.

Note: - AC voltage requires connector with rectifier (for double solenoid consult factory).
- Manifold assemblies consist of (1) left end manifold, (1) right end manifold, and middle station manifolds (options "J" or "K").

Other options available for the 42 series valves, see page 108.

Base plug-in with rectifier & light & ground

Base plug-in with light







Fluid: Compressed air, vacuum, inert gases

Pressure range: Internal Pilot - 2 pos. : 20 to 120 PSI 3 pos. : 40 to 120 PSI

External Pilot: vacuum to 120 PSI

Pilot pressure: 2 position: 20 to 120 PSI 3 position: 40 to 120 PSI

Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)

Filtration: 40 µ

Temperature range: 0°F to 120°F (-18°C to +50°C)

Flow: $# 10-32 : (0.35 C_v) - 1/4" O.D. tube receptacle : (0.4 C_v)$

Class A continuous duty, #22 AWG x 12 base leads

Voltage range: -15% to +10% of nominal voltage

Power: 1.0 to 4.0 W

Response times: Energize: 5 ms (with 24V 4 W coil) De-energize: 5 ms

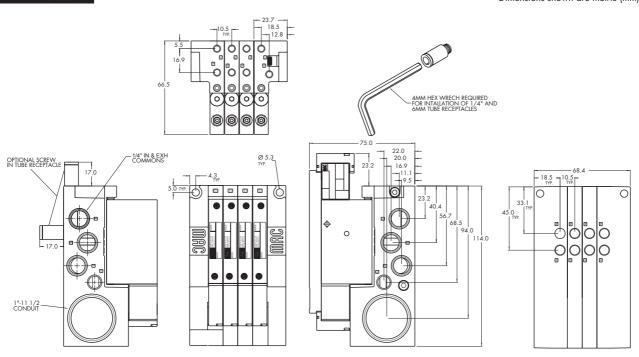
Options : • M5 ports, M7 ports, 6 mm O.D. tube receptacles • Sandwich flow controls : FC42B-AB

• Sandwich regulator : see "regulators" section • Isolator disk for inlet or exhaust: 28454

• Valve blanking plate : M-42004 • Plug-in wire protector : 24180

DIMENSIONS

Dimensions shown are metric (mm)





Function	Port size	Flow (Max)	Individual/Manifold mounting	Series
5/2	# 10-32 - 1/4" O.D. tube rece	0.4 C _V	Sub-base/ manifold base non "plug-in" with latching solenoid	
OPERATIONAL BENEFITS			100	33
1. 4-way valve with 4-wa				34
 10 mm valve (stacks of 3. High flow (up to 0.4 of 4. Fast repeatable responds). Maximum shifting force 	C _V). nse times.			36
6. Long life.				32
				37
			5 8	38
			Photo: Mide	
HOW TO ORDER				:full-line
	10000 M 1000000000000000000000000000000			froid base 67
SINGLE PRESSURE A	MODELS (INDIVIDUAL BASE W	ITH SIDE PORTS)		69
Port size	Pilot air	5/2	Single pressure	44
		12 <u> </u> <u> </u> <u> </u> <u> </u>	2 4 3 14 3 15 3 15 3 15 3 15 3 15 3 15 3	46
Valve less base	Internal	42A-A	MA-000-Lxxx-xxx	
	External		MD-000-Lxxx-xxx	42
# 10-32	Internal		MA-AAL-LXXX-XXX	
1/4" O.D.	External Internal		MD-AAM-Lxxx-xxx MA-EAL-Lxxx-xxx	47
tube receptacles	External			48P
-	— ————————————————————————————————————	H SIDE PORTS)		
Port size	Pilot air		5/2 Dual pressure	48
			12 2 4 14 14 17 14 17 14 17 14 17 17 17 17 17 17 17 17 17 17 17 17 17	400
Valve less base	Internal Supply #3 port		42A-CMB-000-L xxx-xxx	
	Supply #5 port		42A-CMC-000-Lxxx-xxx	92
	External		42A-CMD-000-Lxxx-xxx	
# 10-32	Internal Supply #3 port			
	Supply #5 port External		42A-CMC-AAL-LXXX-XXX 42A-CMD-AAM-LXXX-XXX	93
1/4" O.D.	Internal Supply #3 port		42A-CMB-EAL-LXXX-XXX	ISO 01
tube receptacles	Supply #5 port		42A-CMC-EAL-LXXX-XXX	ISO 02
	External		42A-CMD-EAM-Lxxx-xxx	ISO 1
LATCHING SOLENC	OID OPERATOR >	L XXX-XXX		ISO 2
LA CITILINO SOLLING	OI LIMION P	<u></u>		ISO 3
		<u></u>		
XX Voltage	X Wire le		Nanual operator XX Electrical conn	
DF 24 VDC (4.0 V			o operator BA 2 Wire Flying leads KA 2 Wire Plug-in Asse	
HA 24 VDC (1 05	1 W 1 K 2/1"			
HA 24 VDC (1.95	B 24" C 36"		LA 3 wire plug-in asser (polarity switching a	nbly

* Other options available, see page 319.

Note: Manifold assemblies consist of (1) left end manifold, (1) right end manifold, and middle station manifolds (options "J" or "K").

Other options available for the 42 series valves, see page 107.







Fluid: Compressed air, vacuum, inert gases

Pressure range: Internal Pilot: 20 to 120 PSI

External Pilot : vacuum to 120 PSI

Pilot pressure: 20 to 120 PSI

Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)

Filtration: 40 µ

Temperature range: 0°F to 120°F (-18°C to +50°C)

10-32 : (0.35 C_v) – 1/4" O.D. tube receptacle : (0.4 C_v)

Coil: Class A wire (#22 AWG x 18), continuous duty

Class A Wile (#22 AVIO X 10), collilloods a

Voltage range: -15% to +10% of nominal voltage

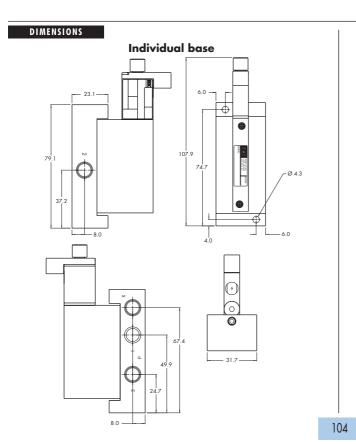
Power: 1.95 to 4.0 W

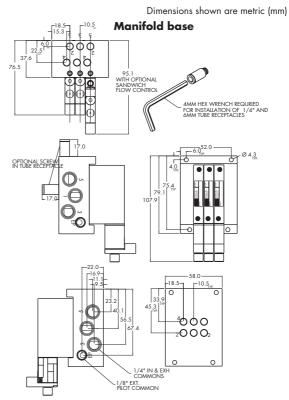
Response times: Energize: 5 ms (with 24V 4 W coil) De-energize: 5 ms

Options : • M5 ports, M7 ports, 6 mm O.D. tube receptacles • Sandwich flow controls : FC42B-BB

• Sandwich regulator: see "regulators" section • Isolator disk for inlet or exhaust: 28454

• Valve blanking plate : M-42004





Consult "Precautions" page 327 before use, installation or service of MAC Valves...



Function	Port size	Floш (Max)	Individual/Manifold mounting	Series	
5/2	# 10-32 - 1/4" O.D. tube r	0.4 C _V	Sub-base/ manifold base "plug-in" with latching solenoid		
OPERATIONAL BENEFITS				33	
1. 4-way valve with 4-wa				34	
2. 10 mm valve (stacks o 3. High flow (up to 0.4 (1		
 Fast repeatable respo Maximum shifting force 	nse times.			36	
5. Maximum shifting forc 5. Long life.	es in boin directions.				
				32	
				27	
				37	
				38	
				52	
HOW TO ORDER				67	
SINGLE PRESSURE A	MODELS (2-WIRE INDIVIDUA	L BASE WITH SIDE PORTS)		69	
Port size	Pilot air	5/2	Single pressure	44	
		12 г	2 4 14		
		<u> [75</u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	46	
Valve less base	Internal 42A-AMA-000-LxxP-xxx				
	External		MD-000-LxxP-xxx	42	
# 10-32	Internal		MA-AAA-LxxP-xxx		
1/4" O.D.			MD-AAB-LxxP-xxx MA-EAA-LxxP-xxx	47	
tube receptacles	External		MD-EAB-LxxP-xxx	——— 48P	
DUAL PRESSURE MC	DDELS (2-WIRE INDIVIDUAL I	BASE WITH SIDE PORTS)			
Port size	Pilot air		5/2 Dual pressure	48	
			12 2 4 14		
			315	400	
Valve less base	Internal Supply #3 port	42A-CMB-000-LxxP-xxx			
	Supply #5 port		42A-CMC-000-LxxP-xxx	92	
# 10-32	External Sunal #3		42A-CMD-000-LxxP-xxx	93	
# 10-32	Internal Supply #3 port Supply #5 port	42A-CMB-AAA-LxxP-xxx 42A-CMC-AAA-LxxP-xxx			
	External		42A-CMD-AAB-LxxP-xxx		
1/4" O.D.	Internal Supply #3 port		42A-CMB-EAA-LxxP-xxx	ISO 01	
tube receptacles	Supply #5 port	t 42A-CMC-EAA-LxxP-xxx			
	External		42A-CMD-EAB-LxxP-xxx	ISO 1	
ATCHING SOLENO	OID OPERATOR ➤	L xx P- xxx *		ISO 2	
				ISO 3	
				150 0	
XX Voltage DF 24 VDC (4.0)		X Manual operator No operator	XX Electrical connection** DA Plug-in		

^{*} Other options available, see page 319.
** For latching solenoid 2 and 4 wire, use electrical connector DA, DB, DC or DD. For 3 wire latching, use the "EA" connector.

Other options available for the 42 series valves, see page 108.







Fluid: Compressed air, vacuum, inert gases

Pressure range: Internal Pilot: 20 to 120 PSI

External Pilot: vacuum to 120 PSI

Pilot pressure: 20 to 120 PSI

Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)

Filtration: 40 µ

Temperature range: 0°F to 120°F (-18°C to +50°C)

Flow: # 10-32 : $(0.35 \, \text{C}_{\text{v}}) - 1/4'' \, \text{O.D.}$ tube receptacle : $(0.4 \, \text{C}_{\text{v}})$

Class A continuous duty, #22 AWG x 12 base leads

Class A commodes adily, #22 ATTO X 12 base lea

Voltage range: -15% to +10% of nominal voltage

Power: 1.95 to 4.0 W

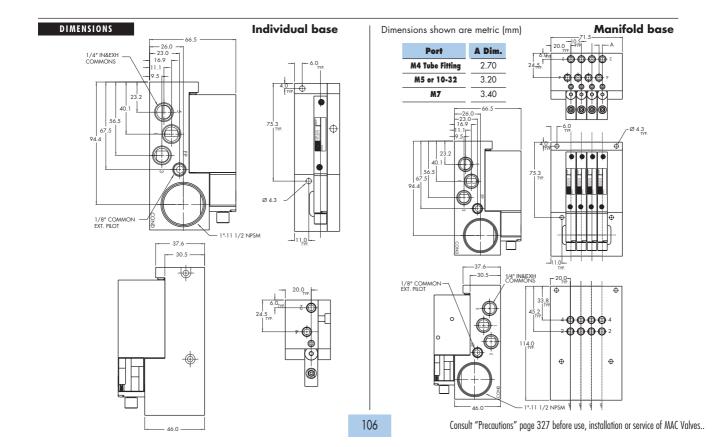
Response times : Energize : 5 ms

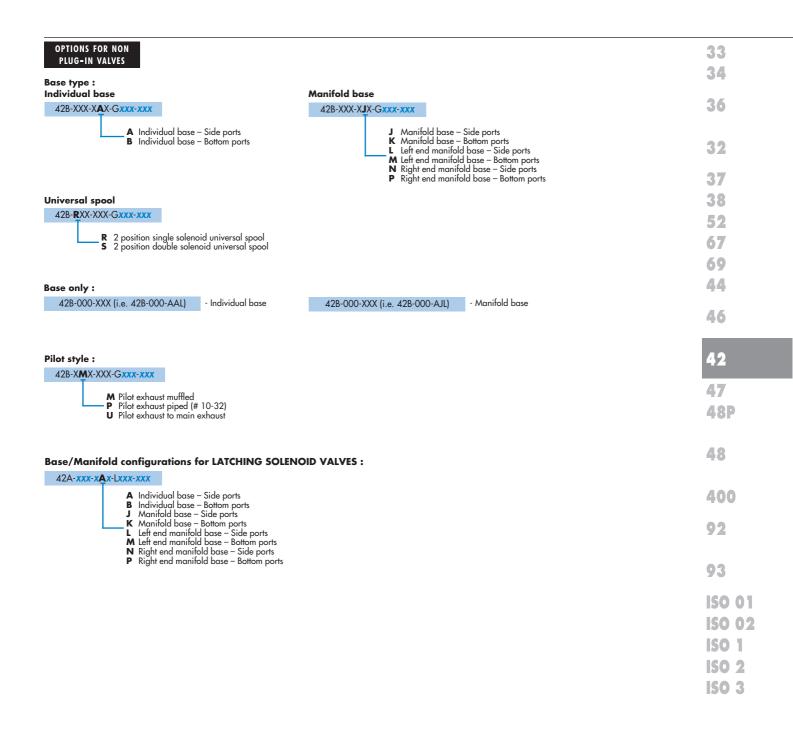
(with 24V 4 W coil) De-energize : 5 ms

Options : • M5 ports, M7 ports, 6 mm O.D. tube receptacles • Sandwich flow controls : FC42B-AB

• Sandwich regulator: see "regulators" section • Isolator disk for inlet or exhaust: 28454

• Valve blanking plate : M-42004 • Plug-in wire protector : 24180





OPTIONS FOR PLUG-IN VALVES Base type: Individual base Manifold base 42B-XXX-XJX-GxxP-xxx 42B-XXX-XAX-GxxP-xxx J Manifold base – Side ports K Manifold base – Bottom ports L Left end manifold base – Side ports M Left end manifold base – Bottom ports N Right end manifold base – Side ports P Right end manifold base – Bottom ports A Individual base – Side ports B Individual base – Bottom ports **Universal** spool 42B-RXX-XXX-GxxP-xxx 2 position single solenoid universal spool 2 position double solenoid universal spool Base only: 42B-000-XXX (i.e. 42B-000-AAC) 42B-000-XXX (i.e. 42B-000-AJA) - Individual base wired for a double solenoid - Manifold base wired for a single solenoid

Pilot style:

42B-XMX-XXX-GxxP-xxx

M External pilot

M Pilot exhaust muffled
P Pilot exhaust piped (# 10-32)
U Pilot exhaust to main exhaust

For LED with diode (2 & 3 position double solenoid valves)

Base/Manifold configurations for LATCHING SOLENOID VALVES:

J Internal pilot single pressure
K Internal pilot dual pressure supply from #3 port
Internal pilot dual pressure supply from #5 port

42A-xxx-xAx-LxxP-xxx

42B-XX**J**-XXX-G**xx**P-**x**ST

A Individual base – Side ports
B Individual base – Bottom ports
J Manifold base – Side ports
K Manifold base – Bottom ports
L Left end manifold base – Side ports
M Left end manifold base – Bottom ports
N Right end manifold base – Side ports
P Right end manifold base – Bottom ports

Base/Manifold options for int./ext. pilot for LATCHING SOLENOID VALVES:

42A-xxx-xxA-LxxP-xxx

A Plug-in Int. Pilot - 2 Wire Latching

Plug-in Ext. Pilot – 2 Wire Latching
Plug-in Ext. Pilot – 3 Wire Latching
Plug-in Ext. Pilot – 3 Wire Latching
Plug-in Int. Pilot – 4 Wire Latching
Plug-in Ext. Pilot – 4 Wire Latching
Plug-in Ext. Pilot – 4 Wire Latching



Codification table for voltages / Manual operator / Electrical connection

VALVE CODE > $G \underbrace{XX}_{1} \underbrace{X-X}_{2} \underbrace{XX}_{4}$

OPTIONS AVAILABLE FOR

- Solenoid valves 32, 34, 38, 42, 44 & 48 Series



	1.	VOLTAGE		4. ELECTRICAL CONNECTION
G-XX X-X XX VOI	LTAGE		G-XX X-X XX	ELECTRICAL CONNECTION
AA 120	VAC (2.5W)	Requires electrical connector with rectifier	BA	Flying leads
AC 24\	/AC (4.0W)	Requires electrical connector with rectifier	ВВ	BA with ground wire
DA 24 \	/DC (1.0W)	•	ВС	BA with light
DC 24\	/DC (1.8W)		BD	BA with light and ground wire
	/DC (2.5W)		BE	BA with suppression diode
DE 24 \	/DC (3.0W)		BF	BA with suppression diode and ground wire
DF 24\	/DC (4.0W)		BG	BA with suppression diode and light
	/DC (1.0W)		ВН	BA with suppression diode, light and ground wire
	/DC (1.8W)		BN	BA with suppression diode and blocking diode
DK 12 \	/DC (2.5W)		BP	BA with suppression diode, blocking diode and ground wire
DM 12 \	/DC (3.0W)		BR	BA with suppresion diode, blocking diode and light
DN 12 \	/DC (4.0W)		BS	BA with suppression diode, blocking diode, light and ground
	DC (1.8W)		•	wire
	OC (3.0W)		GA	MAC JAC Solenoid plug-in
	/DC (1.8W)		GB	MAC JAC Solenoid plug-in w/Diode
	/DC (3.0W)		GC	MAC JAC Solenoid plug-in w/MOV
	VDC (2.5W)		GD	MAC JAC Solenoid plug-in w/LED
	/DC (0.5W)	34 series only	GE	MAC JAC Solenoid plug-in w/Diode & LED
	/DC (0.5W)	34 series only	GF	MAC JAC Solenoid plug-in w/MOV & LED
	720 (0.011)		GG	MAC JAC Solenoid plug-in w/Rectifier
	2. W	IRE LENGTH	GH	MAC JAC Solenoid plug-in w/Rectifier & LED
	2. 00		KA	Solenoid plug-in wire assembly
G-XX X-X XX WII	DE LENGTH		KB	KA with ground
0		es (used only with "KJ" & "KM" connectors)	KC	KA with rectifier and light
	18" coil lead		KD	KA with rectifier, light and ground
B	24" coil lead		KE	KA with suppression diode
C	36" coil lead	<u> </u>	KF	KA with suppression diode and ground
D	48" coil lead		KJ	Solenoid plug-in housing without wire assembly
E	72" coil lead		KM	Solenoid plug-in housing with ground pin without wire
	96" coil lead		KM	assembly
F G	120" coil lec		KN	KA with suppression diode and blocking diode
H	144" coil lec		KP	KA with suppression diode and blocking diode KA with suppression diode, blocking diode and ground
	18" base lea			KA with light
1	24" base lea		KT	KA with light and ground
2	36" base lea		KU	KA with light and ground
3			KV	KA with suppression diode and light KA with suppression diode, light and ground
4	48" base lea		KW	
5	72" base lea		KX	KA with suppression diode, blocking diode and light
<u> </u>			KY	KA with suppression diode, blocking diode, light & ground
	120" base le	eaas	ELECT	TRICAL CONNECTION FOR PLUG-IN VALVES
	3. MAN	UAL OPERATOR	G-XX X-X XX	PLUG-IN OPTIONS
G-XX X-X XX MA	NUAL OPER	ATOR	SB	Base plug-in with ground
	-locking reces		- <u>- 56</u> - 5C	Base plug-in with suppression and blocking diode
	ing recessed		SD SD	Base plug-in with suppression and blocking diode and ground
	-locking exter	ided	SE	Base plug-in with MOV
	ing extended	nucu	SF	Base plug-in with MOV and ground
LOCK	ing exictioed		5G	Base plug-in with rectifier
			SH	Base plug-in with rectifier and ground
			SK SI	Base plug-in with light and ground
			SL	Base plug-in with suppression and blocking diode and light
			SM	Base plug-in with suppression and blocking diode with light
				and ground
			SN	Base plug-in with MOV and light
			SN SP SR	



Codification table for voltages / Manual operators / Electrical connections

VALVE CODE ➤

 $L \frac{XX}{1} \frac{X-X}{2} \frac{XX}{3} \frac{XX}{4}$

OPTIONS AVAILABLE FOR

- Solenoid valves 32, 38, 42, 44, 47 & 48 Series



1. VOLTAGE (32, 38, 42, 44, 48 SERIES)			1. VOLTAGE (47 SERIES)		
L- XX X-X XX	VOLTAGE	L- XX X-X XX	VOLTAGE		
DF	24VDC (4.0W)	DA	24VDC (5.2W)		
DN	12VDC (4.0W)	DF	12VDC (5.2W)		
НА	24VDC (1.95W)				
HE	12VDC (1.95W)				

2. WIRE LENGTH (all series)

L- XX X-X XX	WIRE LENGTH
0	No lead wire
A	18"
В	24"
С	36"
D	48"
E	72"
F	96"
G	120"
Н	144"

3. MANUAL OPERATOR (all series)

L- XX X-X XX	MANUAL OPERATOR	
0	No operator	

4. ELECTRIC	AL CONNECTOR (32, 38, 42, 44 & 48 series)	4. ELECTRICAL CONNECTOR (47 series)		
L-XX X-X XX	NON PLUG-IN	L- XX X-X XX	NON PLUG-IN	
BA	2 wire flying leads	BA	2 wire flying leads	
ВВ	2 wire flying leads with ground wire	ВВ	2 wire flying leads with ground wire	
ВС	2 wire flying leads with light	ВС	2 wire flying leads with light	
BD	2 wire flying leads with light & ground wire	BD	2 wire flying leads with light & ground wire	
BJ	4 wire flying leads	BJ	4 wire flying leads	
BK	4 wire flying leads with ground	ВК	4 wire flying leads with ground	
BL	4 wire flying leads with light	BL	4 wire flying leads with light	
ВМ	4 wire flying leads with light & ground wire	ВМ	4 wire flying leads with light & ground wire	
KA	2 wire plug-in assembly	LA	3 wire plug-in assembly (Plarity switching cover)	
КВ	2 wire plug-in assembly with ground wire	MA	2 wire plug-in assembly	
KC	2 wire plug-in assembly with light	МВ	2 wire plug-in assembly with ground wire	
KD	2 wire plug-in assembly with light and ground wire	МС	2 wire plug-in assembly with light	
KE	4 wire plug-in assembly	MD	2 wire plug-in assembly with light and ground wire	
KF	4 wire plug-in assembly with ground wire	ME	4 wire plug-in assembly	
KG	4 wire plug-in assembly with light	MF	4 wire plug-in assembly with ground wire	
KH	4 wire plug-in assembly and ground wire	MG	4 wire plug-in assembly with light	
LA	3 wire plug-in assembly (polarity switching cover)	МН	4 wire plug-in assembly with light and ground wire	
		L- XX X-X XX	PLUG-IN	
L-XX X-X XX	PLUG-IN	EA	Base plug-in 3 pin (Polarity switching cover)	
*DA	Base plug-in	FA	Base plug-in with ground	
*DB	Base plug-in with ground pin	FB	Base plug-in with ground & light	
*DC	Base plug-in with light	FC	Base plug-in 4 wire with ground	
*DD	Base plug-in with light & ground pin	FD	Base plug-in 4 wire with light & ground	
**EA	Base plug-in 3 pin (Plarity switching cover)			

^{**}EA Base plug-in 3 pin (Plarity switching cover)

* Use these options for plug-in base with 2 or 4 wire assemblies

** Use this option for plug-in bases with 3 wire assemblies