

Individual mounting

Sub-base non "plug-in"	Sub-base "plug-in"	Sub-base/manifold base non "plug-in" with latching solenoid	Sub-base/manifold base "plug-in" with latching solenoid
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Series

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Manifold mounting

Manifold base non "plug-in"	Manifold base "plug-in"	Sub-base/manifold base non "plug-in" with latching solenoid	Sub-base/manifold base "plug-in" with latching solenoid
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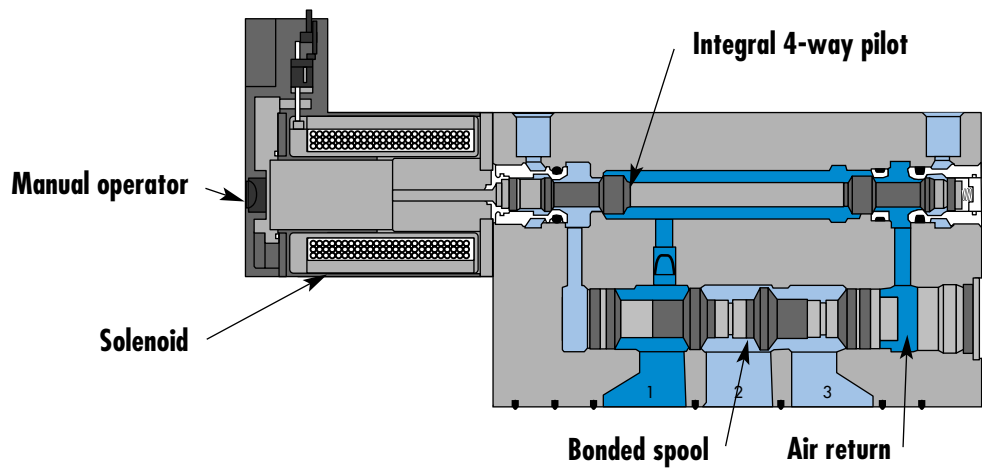
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ISO 1

ISO 2

ISO 3



SERIES FEATURES

- High force MACSOLENOID®.
- Integral 4-way pilot design.
- Internal or external pilot.
- Normally open or normally closed function.
- Universal function (external pilot).
- Rectified AC voltage.
- Latching solenoid technology.



Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow (Max)	Individual mounting	Series
3/2 NO-NC	1/8" - 1/4" O.D. tube receptacle	1.2 Cv	Sub-base non "plug-in"	

OPERATIONAL BENEFITS

1. 3-way valve with 4-way integral pilot.
2. 10 mm valve (stacks on 16.5 mm centers).
3. High flow (up to 1.2 Cv).
4. Fast, repeatable response times.
5. Maximum shifting forces in both directions.



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HOW TO ORDER

Port size	Pilot air	NO valve	NC valve	Universal valve
Valve less base	Internal	38A-BMA-000-Gxxx-xxx	38A-AMA-000-Gxxx-xxx	
	External	38A-BMB-000-Gxxx-xxx	38A-AMB-000-Gxxx-xxx	38A-GMB-000-Gxxx-xxx
1/8" NPTF	Internal	38A-BMA-AAL-Gxxx-xxx	38A-AMA-AAL-Gxxx-xxx	
	External	38A-BMB-AAM-Gxxx-xxx	38A-AMB-AAM-Gxxx-xxx	38A-GMB-AAM-Gxxx-xxx
1/4" O.D. Tube receptacle	Internal	38A-BMA-EAL-Gxxx-xxx	38A-AMA-EAL-Gxxx-xxx	
	External	38A-BMB-EAM-Gxxx-xxx	38A-AMB-EAM-Gxxx-xxx	38A-GMB-EAM-Gxxx-xxx

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Note : Above codes are for side port.

STANDARD SOLENOID OPERATOR >

G **XXX-XXX***

XX Voltage	X Wire length	X Manual operator	XX Electrical connection**
AA 120 VAC (2.5W)	A 18"	1 Non-locking recessed	BA Flying leads
DA 24 VDC (1.0W)	B 24"	2 Locking recessed	BT Flying leads with light
DC 24 VDC (1.8W)	C 36"		KA Plug-in wire assembly
DD 24 VDC (2.5W)			KT Plug-in wire assembly with light
DF 24 VDC (4.0W)			KD Plug-in wire assembly with rectifier & light & ground

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Note : AC voltage requires connector with rectifier.

* Click here for other options available.

** 38 series with non plug-in base configuration must use type "B" or "K" electrical connector
Click here for latching solenoid also available.

OPTIONS

Pilot/Base Configuration :

38A-**xMx-xAx-Gxxx-xxx**

- A** Individual base – Side port
- B** Individual base – Bottom port
- M** Pilot exhaust muffled
- P** Pilot exhaust piped (# 10-32)
- U** Pilot exhaust to main exhaust

TECHNICAL DATA

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 :	1/8" bottom port: (1.2 C _v) - 1/8" side port: (1.0 C _v) - 1/4" tube receptacle: (0.85 C _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
Response times : (with 4 W coil)	Energize : 6 ms De-energize : 6 ms

Options : • BSPP threads

DIMENSIONS

Dimensions shown are metric (mm)

