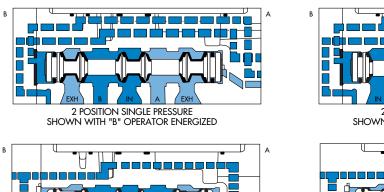


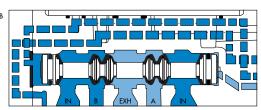




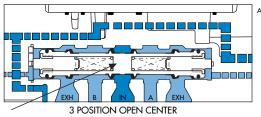


SPOOL CONFIGURATIONS

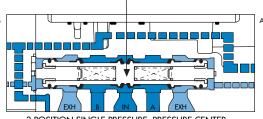




2 POSITION DUAL PRESSURE SHOWN WITH "B" OPERATOR ENERGIZED



SPRING CENTERING



3 POSITION SINGLE PRESSURE, PRESSURE CENTER

REGULATOR CONFIGURATIONS

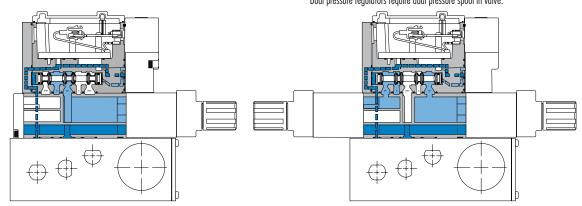
SINGLE REGULATOR - SINGLE PRESSURE

Pressure supplied to the individual or manifold base passes through the regulator. Regulated pressure is supplied to the pressure path of the valve.

3 POSITION CLOSED CENTER

DUAL REGULATOR - DUAL PRESSURE

Pressure supplied from each regulator is divided in the block.
Regulated pressure from "A" regulator supplies cylinder port "A".
Regulated pressure from "B" regulator supplies cylinder port "B".
Dual pressure regulators require dual pressure spool in valve.



MANIFOLD WITH REGULATOR - SINGLE PRESSURE

Note: For both single and dual pressure, air supply to the pilot system is never regulated.

MANIFOLD WITH REGULATOR - DUAL PRESSURE



unction		Port size	Flow (Max)		Individual mounting		Series
/2, 5/3		1/8" - 1/4" -	3/8" 1.2 C _v		Sub-base non "plug-in"		
PERATIONAL BEN	IEFITS					_	33
The 4-way pilo		aximum shifting				-	34
forces both wa . Memory spring						4622	
Balanced spoo pressure, also p Short stroke wi	l, immune to provides high				4	TIME	36
Bonded seal sp shifting in a glo	oool with mini ass-like finishe	ed bore.				1	32
 Pilot with balar and consistent 					福田		37
0001010111							38
					6	1	52
HOW TO ORD	rn.						
HOW TO ORD	EK						67
INGLE PRESSU	URE MODE	LS					69
Port size	Pilot air	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 Pressure center	44
		B B A A A A A A A A A A A A A A A A A A	B B A A A A A A A A A A A A A A A A A A	B B A A A A A A A A A A A A A A A A A A	B A A A A A A A A A A A A A A A A A A A	B A A A A A A A A A A A A A A A A A A A	46
alve less base		92B-ABA-000-DM-D xxx-xxx	92B-BBA-000-DM-D xxx-xxx	92B-EBA-000-DM-D xxx-xxx	92B-FBA-000-DM-D xxx-xxx	92B-GBA-000-DM-D xxx-xxx	4.0
1/8" NPTF		92B-ABA-AAG-DM-D xxx-xxx	92B-BBA-AAG-DM-Dxxx-xxx	92B-EBA-AAG-DM-D xxx-xxx	92B-FBA-AAG-DM-Dxxx-xxx	92B-GBA-AAG-DM-D xxx-xxx	42
1/4" NPTF	Internal	92B-ABA-BAG-DM-Dxxx-xxx	92B-BBA-BAG-DM-Dxxx-xxx	92B-EBA-BAG-DM-Dxxx-xxx	92B-FBA-BAG-DM-Dxxx-xxx		47
3/8" NPTF		92B-ABA-CAG-DM-Dxxx-xxx	92B-BBA-CAG-DM-Dxxx-xxx	92B-EBA-CAG-DM-Dxxx-xxx	92B-FBA-CAG-DM-Dxxx-xxx		
1/8" NPTF		92B-ABA-AAH-DM-Dxxx-xxx	92B-BBA-AAH-DM-Dxxx-xxx	92B-EBA-AAH-DM-D xxx-xxx	92B-FBA-AAH-DM-Dxxx-xxx	92B-GBA-AAH-DM-Dxxx-xxx	48P
1/4" NPTF	External	92B-ABA-BAH-DM-Dxxx-xxx	92B-BBA-BAH-DM-Dxxx-xxx	92B-EBA-BAH-DM-Dxxx-xxx	92B-FBA-BAH-DM-Dxxx-xxx	92B-GBA-BAH-DM-Dxxx-xxx	
3/8" NPTF		92B-ABA-CAH-DM-Dxxx-xxx	92B-BBA-CAH-DM-Dxxx-xxx	92B-EBA-CAH-DM-Dxxx-xxx	92B-FBA-CAH-DM-Dxxx-xxx	92B-GBA-CAH-DM-Dxxx-xxx	48
UAL PRESSUR	E MODELS	(REQUIRE SANDWIC	h regulator – See	"REGULATORS" SEC	TION)		
Port size	1	Pilot air	Sin	5/2 gle operator	Doubl	5/2 e operator	400
				B A A	В . В	A A	
			D		471		92
Valve less b				S EXH INA A-000-DM-DXXX-XXX		XH INA 00-DM-DXXX-XXX	
1/8" NPT				-AAG-DM-Dxxx-xxx	<u> </u>	AG-DM-D xxx-xxx	93
1/4" NPT		Internal		A-BAG-DM-D xxx-xxx		AG-DM-Dxxx-xxx	73
3/8" NPT	'F		92B-CBA	-CAG-DM-Dxxx-xxx	92B-DBA-C	AG-DM-Dxxx-xxx	ISO O
1/8" NPT	F		92B-CBA	-AAH-DM-D xxx - xxx	92B-DBA-A	AH-DM-D xxx-xxx	160.0
1/4" NPT	F	External	92B-CBA	A-BAH-DM-D xxx-xxx	92B-DBA-B	AH-DM-D xxx-xxx	130 0
3/8" NPT	F		92B-CBA	-CAH-DM-D xxx - xxx	92B-DBA-C	AH-DM-Dxxx-xxx	ISO 1
OLENOID OP	ED ATOD ~			VVV*	Above models are	shown with side ports.	ISO 2
OLLINOID OF	LKAIOK >		DM-D xxx				ISO 3
				١ -			
XX Volte	age	X Wire	elength	X Manual oper	rator XX E	lectrical connection	
JA 110/5	50, 120/60 (2.	9W) A 18" (F	lying leads)	 Non-locking reces 	sed BM F	lying leads	
	0, 240/60 (2.9 (2.9W)	PW) B 24" (F J Conne	lying leads)	2 Locking recessed		lying leads with diode lying leads with M.O.V.	
FB 24 VD	C (1.8W)	Conne			BG F	lying leads with ground	
	C (5.4W) C (12.7W)					ectangular connector ectangular connector with light	
24 4 D		200				quare connector with light	

* Other options available, see page 309.

Other options available for the 92 series valves, see page 155.





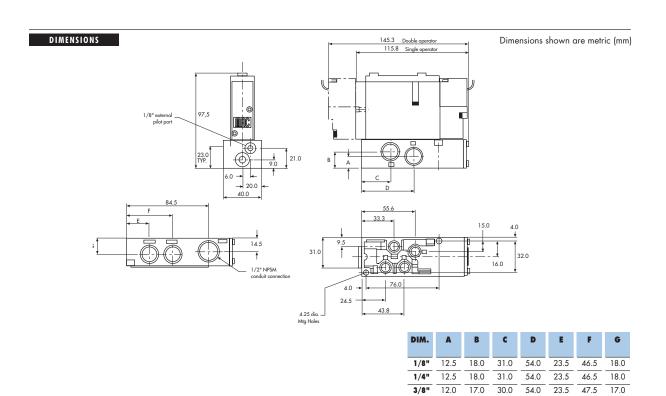


Compressed air, vacuum, inert gases Fluid: Pressure range: Internal pilot: 20 to 120 PSI 3 position: 35 to 120 PSI External pilot : vacuum to 120 PSI 3 position: 35 to 120 PSI Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F) Filtration: Temperature range: 0° F to 120° F (- 18° C to + 50° C) Flow: 1/8": $(1.0 C_v) - 1/4$ ": $(1.1 C_v) - 3/8$ ": $(1.2 C_v)$ Coil: Class A continuous duty, #22 AWG x 18 lead wire Voltage range: -15% to +10% of nominal voltage Protection: Consult factory ~Inrush 7.6 VA Power: Holding: 4.8 VA = 1.8 to 12.7 W24V=/5.4W Response times: Energize: 8 ms De-energize: 7 ms 120/60 Energize: 7-13 ms De-energize: 12-20 ms

Options : • BSPP threads • Sandwich flow control: FC92B-CA

Spare parts : • Pilot valve DM-Dxxx-xxx • Valve blanking plate: M-92002

• Pressure seal between valve and base : 16543. • Mounting screws valve to base (X2) : 35050.





5/2, 5/3		- /				
		1/8" - 1/4" - 3	3/8" 1.2 C _V		Sub-base "plug-in"	
OPERATIONAL BE	NEFITS				5.855	33
. The 4-way pil	ot develops mo	aximum shifting				34
	g available. ol, immune to provides high				B	36
 Short stroke w Bonded seal s shifting in a g 						32
. Pilot with bald		high flow; short				37
ana consision	r response mine				100	38
					3	52
					6	
HOW TO ORI	DER					67
SINGLE PRESS	SURE MODE	LS				69
Port size	Pilot air	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 5/3 Open center Pressure ce	nter 44
		B A A A A A B IN EA	B B A A A A A A A A A A A A A A A A A A	B B A A A A A A A A A A A A A A A A A A	B A S A S A S A S A S A S A S A S A S A	46 47
Valve less base	•	92B-AAA-000-DM-D xx P- xxx	92B-BAA-000-DM-D xx P- xxx	92B-EAA-000-DM-D xx P- xxx	92B-FAA-000-DM-D xx P- xxx 92B-GAA-000-DM-I	OxxP-xxx
1/8"	_	92B-AAA-AAA-DM-D xx P- xxx	92B-BAA-AAA-DM-D <i>xx</i> P- <i>xxx</i>	92B-EAA-AAA-DM-D xx P- xxx	92B-FAA-AAA-DM-D xx P- xxx 92B-GAA-AAA-DM-	DXXP-XXX 42
1/4"	Internal	92B-AAA-BAA-DM-DxxP-xxx	92B-BAA-BAA-DM-DxxP-xxx	92B-EAA-BAA-DM-DxxP-xxx	92B-FAA-BAA-DM-DxxP-xxx 92B-GAA-BAA-DM-	
3/8"		92B-AAA-CAA-DM-DxxP-xxx	92B-BAA-CAA-DM-DxxP-xxx	92B-EAA-CAA-DM-DxxP-xxx	92B-FAA-CAA-DM-DxxP-xxx 92B-GAA-CAA-DM-	
1/8"		92B-AAA-AAD-DM-DxxP-xxx	92B-BAA-AAD-DM-DxxP-xxx	92B-EAA-AAD-DM-DxxP-xxx	92B-FAA-AAD-DM-DxxP-xxx 92B-GAA-AAD-DM-	
1/4"	External –	92B-AAA-BAD-DM-DxxP-xxx	92B-BAA-BAD-DM-DxxP-xxx	92B-EAA-BAD-DM-DxxP-xxx	92B-FAA-BAD-DM-DxxP-xxx 92B-GAA-BAD-DM-I	
3/8"		92B-AAA-CAD-DM-DxxP-xxx	92B-BAA-CAD-DM-DxxP-xxx	92B-EAA-CAD-DM-DxxP-xxx	92B-FAA-CAD-DM-DxxP-xxx 92B-GAA-CAD-DM-	48
DUAL PRESSU	re models	(REQUIRE SANDWIC	h regulator – See	"REGULATORS" SEC	TION)	
Port siz	е	Pilot air	6:	5/2	5/2	400
			Sing	gle operator	Double operator	700
			B I∑			92
Valve less	hase			4-000-DM-D xx P- xxx	92B-DAA-000-DM-DxxP-xxx	
1/8"				A-AAA-DM-DxxP-xxx	92B-DAA-AAA-DM-DXXP-XXX	
1/4"		Internal		A-BAA-DM-DxxP-xxx	92B-DAA-BAA-DM-DxxP-xxx	93
3/8"				A-CAA-DM-DxxP-xxx	92B-DAA-CAA-DM-DxxP-xxx	ISO 01
1/8"				A-AAD-DM-D xx P- xxx	92B-DAA-AAD-DM-D xx P- xxx	ISO 01
1/4"		External	92B-CAA-BAD-DM-D xx P- xxx		92B-DAA-BAD-DM-D xx P- xxx	—— ISO 02
3/8"			92B-CAA	A-CAD-DM-DxxP-xxx	92B-DAA-CAD-DM-D xx P- xxx	ISO 1
OLENOID O	PERATOR ➤		DM-D XX P-	-XXX *	Above models are shown with sid	150 2
						ISO 3
XX Vol	tage		X Manual opera	ator	XX Electrical connection	
JA 110,	/50, 120/60 (2.		 Non-locking recesse 		DM Plug-in	
	50, 240/60 (2.9 0 (2.9W)	PW)	2 Locking recessed		DN Plug-in with diode DP Plug-in with M.O.V.	
FB 24 VI	DC (1.8W)			-	DG Plug-in with ground	
	DC (5.4W) DC (12.7W)			-	DJ Plug-in with M.O.V. & ground DH Plug-in with diode & ground	

Plug-in with diode & ground







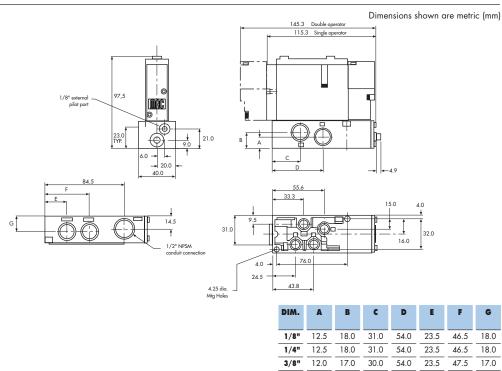
Fluid: Compressed air, vacuum, inert gases Pressure range: Internal pilot: 20 to 120 PSI 3 position: 35 to 120 PSI External pilot : vacuum to 120 PSI 3 position: 35 to 120 PSI Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F) Filtration: Temperature range: 0° F to 120° F (- 18° C to + 50° C) Flow: 1/8": $(1.0 C_v) - 1/4$ ": $(1.1 C_v) - 3/8$ ": $(1.2 C_v)$ Coil: Class A continuous duty, #22 AWG x 18 lead wire Voltage range: -15% to +10% of nominal voltage Protection: Consult factory ~Inrush 7.6 VA Power: Holding: 4.8 VA = 1.8 to 12.7 W24V=/5.4W Response times: Energize: 8 ms De-energize: 7 ms 120/60 Energize: 7-13 ms De-energize: 12-20 ms

Options:
• BSPP threads • Sandwich flow control: FC92B-AA (sgl. operator), FC92B-BA (dbl. operator)

Spare parts : • Pilot valve DM-DxxP-xxx • Valve blanking plate: M-92002

• Pressure seal between valve and base : 16543. • Mounting screws valve to base (X2) : 35050.

DIMENSIONS





24 VDC (12.7W)

* Other options available, see page 309. End plate kit required (port size 3/8"):

End plate kit required (port size 3/8"):

M-92004-01-01 (internal pilot)
M-92004-02-01 (External pilot)
Other options available for the 92 series valves, see page 155.

Direct solenoid and solenoid pilot operated valves

Function		Port size	Flow (Max)	J	Manifold mounting	Series
5/2, 5/3		1/4" - 3/8"	1.2 C _v		Sub-base non "plug-in"	
OPERATIONAL BEN	IEFITS					33
1. The 4-way pilo		aximum shifting				34
forces both wa 2. Memory spring	,				-00	
3. Balanced spoo						36
pressure, also 4. Short stroke wi		i flow.				
5. Bonded seal sp						32
shifting in a glo 6. Pilot with balar					45	0.7
and consistent 7. Wiping effect					3 3	37
8. Long service lif		cking.			45	38
						52
HOW TO ORD	ER					67
SINGLE PRESSI	JRE MODE	LS				69
Port size	Pilot air	5/2	5/2	5/3	5/3	5/3 44
		Single operator	Double operator	Closed center	Open center	Pressure center
						## 46
Valve less base		92B-ABA-000-DM-D xxx-xxx	92B-BBA-000-DM-D xxx-xxx	92B-EBA-000-DM-DXXX-XXX	92B-FBA-000-DM-D xxx-xxx	92B-GBA-000-DM-D XXX - XXX
1/4" NPTF	Internal	92B-ABA-BJG-DM-Dxxx-xxx	92B-BBA-BJG-DM-Dxxx-xxx	92B-EBA-BJG-DM-Dxxx-xxx	92B-FBA-BJG-DM-Dxxx-xxx	92B-GBA-BJG-DM-D xxx - xxx 42
3/8" NPTF		92B-ABA-CJG-DM-Dxxx-xxx	92B-BBA-CJG-DM-D xxx-xxx	92B-EBA-CJG-DM-Dxxx-xxx	92B-FBA-CJG-DM-Dxxx-xxx	92B-GBA-CJG-DM-Dxxx-xxx
DUAL PRESSUR	F MODELS	(REQUIRE SANDWIC	H REGULATOR – SEE	"REGULATORS" SEC	TION)	47
Port size		Pilot air		5/2		5/2 48P
			Sing	gle operator		operator
			B ID	B A A A A A A A A A A A A A A A A A A A	B B A A A A A A A A A A A A A A A A A A	<u>^</u>
				EXH INA		
Valve less base		t-1	92B-CBA-000-DM-Dxxx-xxx 92B-CBA-BJG-DM-Dxxx-xxx			O-DM-Dxxx-xxx G-DM-Dxxx-xxx
1/4" NPTF Internal 3/8" NPTF		92B-CBA-CJG-DM-DXXX-XXX			G-DM-DXXX-XXX	
						shown with side ports.
SOLENOID OP	ERATOR ➤		DM-D XXX-	<u>X</u> XX [*]		
				<u></u>		93
XX Volte	age	X Wire	length	X Manual oper	ator XX El	ectrical connection
JA 110 /5	50, 120/60 (2.	9W) A 18" (fl	ying leads)	Non-locking recess	sed KA So	uare connector
	0, 240/60 (2.9 (2.9W)	9W) J Conne	ctor	2 Locking recessed		uare connector with light strangular connector
FB 24 VD	C (1.8W)				JD Re	ect. connector with light
	C (5.4W)					ring leads

Flying leads with diode

ISO 2

ISO 3







Compressed air, vacuum, inert gases Fluid: Pressure range: Internal pilot: 20 to 120 PSI 3 position: 35 to 120 PSI External pilot : vacuum to 120 PSI 3 position: 35 to 120 PSI Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F) Filtration: Temperature range: 0°F to 120°F (-18°C to +50°C) Flow: 1/4": (1.1 C_v) - 3/8": (1.2 C_v) Coil: Class A continuous duty, #22 AWG x 18 leads Voltage range: -15% to +10% of nominal voltage Protection: Consult factory Power: ~Inrush 7.6 VA Holding: 4.8 VA = 1.8 to 12.7 W24V=/5.4W Response times: Energize: 8 ms De-energize: 7 ms 120/60 Energize: 7-13 ms De-energize: 12-20 ms

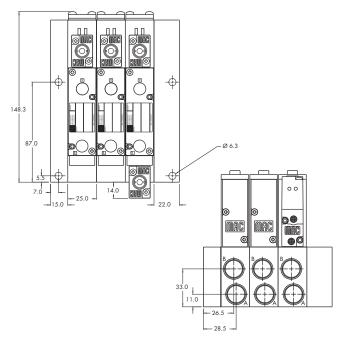
Options: • BSPP threads • Sandwich flow controls: FC92B-CA

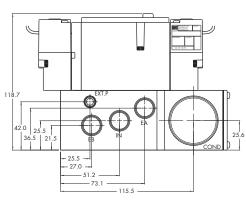
Spare parts : • Pilot valve: DM-Dxxx-xxx • Valve blanking plate: M-92002 • Pressure seal, valve to base 16543

• Inlet/Exhaust isolator disc: N-92018.

DIMENSIONS

Dimensions shown are metric (mm)







unction		Port size	Flow (Max)	M	anifold mounting	Series
5/2, 5/3		1/4" - 3/8"	1.2 C _v		Sub-base "plug-in"	
OPERATIONAL BEI	NEFITS				330	
1. The 4-way pilo		aximum shifting			40	34
forces both wo 2. Memory spring					1000	
 Memory spring Balanced spoo 		variations of				36
pressure, also	provides high					
 Short stroke w Bonded seal s 		mum friction				32
shifting in a gl	lass-like finishe	ed bore.				32
6. Pilot with bala					20	37
and consistent 7. Wiping effect					6 2	38
B. Long service li		O .			950	3/
						52
HOW TO ORD	DER					67
SINGLE PRESS	URE MODE	LS				69
Port size	Pilot air	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 44 Pressure center
		B B A A	B B A A	B B A A	B B A A	B A A A A A A A A A A A A A A A A A A A
		ER IN FA	EB IN EA	FR IN EA	EB IN EA	EB IN EA
Valve less base	,	92B-AAA-000-DM-D xx P- xxx	92B-BAA-000-DM-D xx P- xxx	92B-EAA-000-DM-D xx P- xxx	92B-FAA-000-DM-D xx P- xxx	92B-GAA-000-DM-D xx P- xxx
1/4" NPTF	Internal	92B-AAA-BJA-DM-D xx P- xxx	92B-BAA-BJA-DM-DxxP-xxx	92B-EAA-BJA-DM-D xx P- xxx	92B-FAA-BJA-DM-D xx P- xxx	92B-GAA-BJA-DM-DxxP-xxx 42
3/8" NPTF		92B-AAA-CJA-DM-DxxP-xxx	92B-BAA-CJA-DM-DxxP-xxx	92B-EAA-CJA-DM-DxxP-xxx	92B-FAA-CJA-DM-DxxP-xxx	92B-GAA-CJA-DM-DxxP-xxx
DUAL PRESSUR	RE MODELS	(REQUIRE SANDWIC	H REGULATOR – SEE	"REGULATORS" SECT	ION)	
DUAL PRESSUR		(REQUIRE SANDWIC	TH REGULATOR – SEE	"REGULATORS" SECT	· ·	48P
		•				48P
		•		5/2		5/2 48P
		•	Sing	5/2		5/2 operator 48
Port size	e e e e e e e e e e e e e e e e e e e	Pilot air	Sing IS INB 92B-CAA	5/2 gle operator A A A A A A A A A A A A A A A A A A	Double	5/2 operator A H MA 0-DM-DxxP-xxx
Port size Valve less b 1/4" NP1	pase TF	•	Sing BE INB 92B-CA/ 92B-CA/	5/2 gle operator B A A A A A A A A A A A A A A DA-D XXP-XXX	Pouble B B B B B B B B B	48P coperator 48 48 48 0-DM-DxxP-xxx 4-DM-DxxP-xxx
Port size	pase TF	Pilot air	Sing BE INB 92B-CA/ 92B-CA/	5/2 gle operator B A A AZZI ESTH INA A-000-DM-DxxP-xxx A-BJA-DM-DxxP-xxx	92B-DAA-0J 92B-DAA-A-0J	48P operator A O-DM-DxxP-xxx A-DM-DxxP-xxx A-DM-DxxP-xxx
Valve less b	oase TF	Pilot air Internal	### Sing #### ### 928-CAA 928-CAA	B A A DATE OF THE PROPERTY OF	92B-DAA-0J 92B-DAA-A-0J	48P coperator 48 48 48 0-DM-DxxP-xxx 4-DM-DxxP-xxx
Valve less b	oase TF	Pilot air Internal	Sing BE INB 92B-CA/ 92B-CA/	B A A DATE OF THE PROPERTY OF	92B-DAA-0J 92B-DAA-A-0J	48P operator A-DM-DxxP-xxx A-DM-DxxP-xxx side ports and no lights.
Valve less b 1/4" NP1 3/8" NP1 SOLENOID OF	pase TF TF PERATOR >	Pilot air Internal	92B-CA/ 92B-CA/ 92B-CA/ 92B-CA/ PA-D XX P-	5/2 gle operator B A A A A A A A A A A A A A A A A A A	92B-DAA-DI 92B-DAA-DI 92B-DAA-BJ 92B-DAA-CI models are shown with	48P A perator A A A A A A A A A A A A A A A A A A A
Valve less b 1/4" NP1 3/8" NP1 SOLENOID OF	pase TF TF PERATOR >	Pilot air Internal	92B-CAA 92B-CAA 92B-CAA 92B-CAA Manual opera	5/2 gle operator B A A A A A A A A A A A A A A A A A A	Pouble PSE-DAA-O(928-DAA-B) 928-DAA-CI models are shown with	48P A-DM-DxxP-xxx A-DM-DxxP-xxx A-DM-DxxP-xxx side ports and no lights. 23 nnection
Valve less b 1/4" NP1 3/8" NP1 SOLENOID OF XX Voit JA 110/ JB 220/5	pase TF TF PERATOR > Rage (50, 120/60 (2.50, 240/60) (2.50, 240/60 (2.50, 240/60) (2.50, 240/60) (2.50, 240/60) (Pilot air Internal	92B-CA/ 92B-CA/ 92B-CA/ 92B-CA/ PA-D XX P-	5/2 gle operator B A A A A A A A A A A A A A A A A A A	Pouble PZD NIB D 928-DAA-O 928-DAA-C 928-DAA-C models are shown with XX Electrical co DM Plug-in PN Plug-in with diod	48P operator A H MA O-DM-DxxP-xxx A-DM-DxxP-xxx Side ports and no lights. 93 nnection 150 0
Valve less b 1/4" NP1 3/8" NP1 SOLENOID OF XX Volt JA 110 / JB 220/5 JC 24/66	pase TF TF PERATOR ➤ 150, 120/60 (2.50, 240/60 (2.90) (2.90)	Pilot air Internal	92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 1 Non-locking recesse	5/2 gle operator B A A A A A A A A A A A A A A A A A A	Pouble ### Plug-in with M.O ### Plug-in with M.O ### Plug-in with M.O ### Plug-in with M.O	48P A poperator A poperator
Valve less b 1/4" NP1 3/8" NP1 SOLENOID OF XX Volt JA 110 / JB 220/5 JC 24/60 FB 24 VD DA 24 VD	PERATOR ➤ PERATOR ➤ PERATOR > 0 (2.90/60 (2.90)(2.90)(2.90)(2.90)(2.90)(2.90)(2.90)(2.90)(2.90)(2.90)	Pilot air Internal	92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 1 Non-locking recesse	5/2 gle operator B A A A A A A A A A A A A A A A A A A	Pouble P2B-DAA-O 92B-DAA-O 92B-DAA-O 92B-DAA-O 92B-DAA-C models are shown with XX Electrical co DM Plug-in with diod DP Plug-in with M.O DG Plug-in with grou DJ Plug-in with M.O DJ Plug-in with M.O	48P 48P 48P 48P 48 48 48 48 48
Valve less b 1/4" NP1 3/8" NP1 SOLENOID OF XX Volt JA 110 / JB 220/5 JC 24/60 FB 24 VD DA 24 VD	pase TF TF PERATOR ➤ (50, 120/60 (2.50, 240/60 (2.9w)) DC (1.8W)	Pilot air Internal	92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 1 Non-locking recesse	5/2 gle operator B A A A A A A A A A A A A A A A A A A	928-DAA-O 928-DAA-O 928-DAA-O 928-DAA-O 928-DAA-O Models are shown with XX Electrical co DM Plug-in DN Plug-in with diod DP Plug-in with M.O DG Plug-in with grou	48P 48P 48P 48P 48 48 48 48 48
Valve less b 1/4" NP1 3/8" NP1 SOLENOID OF XX Volt JA 110 / JB 220/5 JC 24/60 FB 24 VD DA 24 VD	PERATOR ➤ PERATOR ➤ PERATOR ➤ 100 (2.90) 100 (2.90) 100 (3.9	Internal 9W) PW) age 309.	92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 92B-CAA 1 Non-locking recesse	5/2 gle operator B A A A A A A A A A A A A A A A A A A	Pouble P2B-DAA-O 92B-DAA-O 92B-DAA-O 92B-DAA-O 92B-DAA-C models are shown with XX Electrical co DM Plug-in with diod DP Plug-in with M.O DG Plug-in with grou DJ Plug-in with M.O DJ Plug-in with M.O	48P 48P 48P 48P 48P 48P 48P 48P







Compressed air, vacuum, inert gases Fluid: Pressure range: Internal pilot: 20 to 120 PSI 3 position: 35 to 120 PSI External pilot : vacuum to 120 PSI 3 position: 35 to 120 PSI Lubrication: Not required, if used select a medium aniline point lubricant (between 180°F and 210°F) Filtration: 0°F to 120°F (-18°C to +50°C) Temperature range : Flow: 1/4": $(1.1 C_v) - 3/8$ ": $(1.2 C_v)$ Coil: Class A continuous duty, #22 AWG x 12 base leads Voltage range: -15% to +10% of nominal voltage Protection: Consult factory ~Inrush 7.6 VA Power: Holding: 4.8 VA = 1.8 to 12.7 W24V=/5.4W Response times: Energize: 8 ms De-energize: 7 ms 120/60 Energize: 7-13 ms De-energize: 12-20 ms

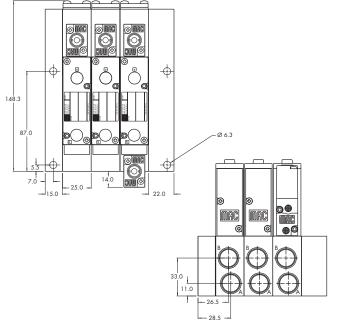
Options : • BSPP threads • Sandwich flow controls: FC92B-AA (sgl. operator), FC92B-BA (dbl. operator)

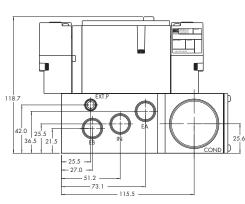
Spare parts : • Pilot valve: DM-DxxP-xxx • Valve blanking plate: M-92002 • Pressure seal, valve to base: 16543

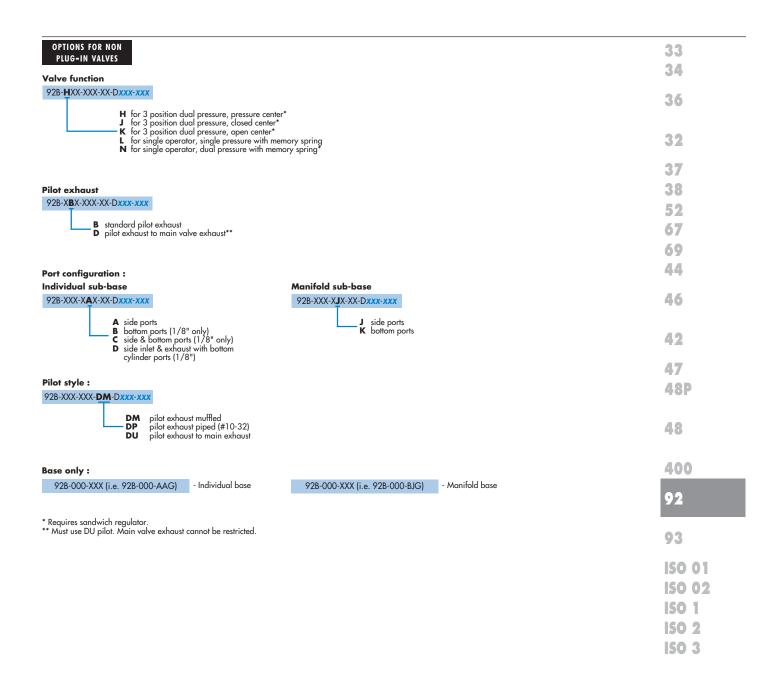
• Mounting screws valve to base (x2): 35050 • Inlet/Exhaust isolator disc: N-92018.

DIMENSIONS

Dimensions shown are metric (mm)







OPTIONS FOR PLUG-IN VALVES Valve function 92B-**H**XX-XXX-XX-D**xx**P-**xxx** H for 3 position dual pressure, pressure center* J for 3 position dual pressure, closed center* K for 3 position dual pressure, open center* L for single operator, single pressure with memory spring N for single operator, dual pressure with memory spring* **Pilot exhaust** 92B-XAX-XXX-XX-DxxP-xxx A standard pilot exhaust C pilot exhaust to main valve exhaust** **Body** electrical 92B-XXA-XXX-XX-DxxP-xxx no light light(s) F suppression and blocking diode with light(s) H M.O.V. with light(s) Port configuration: Manifold sub-base Individual sub-base 92B-XXX-XAX-XX-DxxP-xxx 92B-XXX-XJX-XX-DxxP-xxx A side ports B bottom ports (1/8" only) C side & bottom ports (1/8" only) D side inlet & exhaust with bottom cylinder ports (1/8") J side ports K bottom ports Individual & Manifold sub-base Int. pilot Individual sub-base Ext. pilot 92B-XXX-XXA-XX-DxxP-xxx 92B-XXX-XX**D**-XX-D**xx**P-**xxx** A internal pilot no light B internal pilot single light C internal pilot double light external pilot no light external pilot single light external pilot double light Pilot style: 92B-XXX-XXX-DM-DxxP-xxx pilot exhaust muffled pilot exhaust piped (#10-32) pilot exhaust to main exhaust Lead Wire Lengths: (manifold sub-base only)

92B-000-XXX (i.e. 92B-000-BJA) - Manifold base

(Note: bases are wired for double solenoid valves)

Base only:

92B-XXX-XXX-DM-DxxP-xxx

* Requires sandwich regulator.
** Must use DU pilot. Main valve exhaust cannot be restricted.

92B-000-XXX (i.e. 92B-000-AAA) - Individual base

P 12" leads
1 18" leads
2 24" leads
3 36" leads
4 48" leads
5 72" leads