



- Low wattage DC solenoids down to 1.8 watts.
- Rectified AC voltage.



nction	Port size	Flow (Max	(]	Individual mo	unting	Series
′ 2	1/8″	0.3 C _v		Inline		
ERATIONAL BENEFITS					8-120	33
Balanced poppet, immune	to variations of					34
pressure. Patented solenoid develops	s high shifting				- 9	0.6
forces. Short stroke with high flow						36
Higher forces result in lowe given flow.						20
Powerful return spring.					0	32
					and the second second	37
				1		38
					- A	52
HOW TO ORDER						67
Port siz	ze	Universe	al valve		NC only valve	69
			2		2	44
			<u> </u>			46
1/8″ N	PTF	36A-AAA-J xxx-xxx			36A-AAB-J xxx-xxx	TV
						42
OLENOID OPERATOR					f	
	*		<u>x-xxx</u>* (-G)	Add G	for ground	47
			7			48P
XX Voltage AA 120 VAC (5.4W)	X Le A 18'	ad wire length	X Manual og 1 Non-locking re		XX Electrical connection BA Flying leads	
DA 24 VDC (5.4W) DB 12 VDC (5.4W)	B 24' C 36'	1	2 Locking recess		GA MAC JAC solenoid plug-in GB MAC JAC solenoid plug-in	48
DC 24 VDC (2.4W) DD 12 VDC (2.4W)				-	with diode GD MAC JAC solenoid plug-in	
				-	with light	400
Other options available, see	page 317.			-	GG MAC JAC solenoid plug-in with rectifier	92
ote : - AC voltage requires co With the MAC JAC, wa	nnector with rectifier. ashdown capability is possib	le. Consult				
factory for washdown r	nodification number.					93
						ISO 01
						150 02
						ISO 1
						ISO 2

ISO 2 ISO 3





Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum 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 Watt: (0.15 C _v), 2.4 Watt: (0.15 C _v), 5.4 Watt: (0.30 C _v)
Coil :	Class A wire (#22 AWG x 12), continuous duty
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult factory
Power:	5.4 W - 2.4 W - 1.8 W

Option :

• BSPP threads



000

- 8.2



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



tion	Port size	Floш (Max)	Individual I	nounting	Series
2	1/8" - # 10-32	0.3 C _v	Stacking		
ERATIONAL BENEFITS					33
Balanced poppet, immune to var	iations of				34
pressure. Patented solenoid develops high	shifting				96
orces. Short stroke with high flow.				1000	36
Higher forces result in lower watt given flow.	tages for				32
Powerful return spring.					
					37
					38
HOW TO ORDER				and and a second	52 67
Port size			No studius		69
Port size	NC only stacking	9	NC stacking Universal poppet	NO stacking Universal poppet	44
	INEXH			IN EXH	46
1/8" NPTF		x	36A-SAC-J XXX-XXX	36A-SAD-J XXX-XXX	
1/8" NPTF # 10-32					_
# 10-32	36A-SAB-J xxx-xx	<u>x</u>	36A-SAC-J xxx-xxx 36A-SBC-J xxx-xxx	36A-SAD-J xxx-xxx 36A-SBD-J xxx-xxx	42
# 10-32	36A-SAB-J xxx-xx	<u>x</u>	36A-SAC-J XXX-XXX	36A-SAD-J xxx-xxx 36A-SBD-J xxx-xxx	42
# 10-32	36A-SAB-J xxx-xx 36A-SBB-J xxx-xx	<u> </u>	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X * (-G) Add "G	36A-SAD-J xxx-xxx 36A-SBD-J xxx-xxx 6" for ground	42
# 10-32 DLENOID OPERATOR > XX Voltage	36A-SAB-J xxx-xx 36A-SBB-J xxx-xx X Lead wire let	J <u>XXX-XX</u> 	36A-SAC-J xxx-xxx 36A-SBC-J xxx-xxx X* (-G) Add "C Manual operator	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX G" for ground XX Electrical connection	42 47 48P
# 10-32 DLENOID OPERATOR > XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W)	36A-SAB-J xxx-xx 36A-SBB-J xxx-xx X Lead wire let A 18" B 24"	<u> </u>	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X * (-G) Add "G	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in	42
# 10-32 DLENOID OPERATOR > XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W)	36A-SAB-J xxx-xx 36A-SBB-J xxx-xx X Lead wire let A 18"	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX G" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode	42 47 48P
# 10-32 DLENOID OPERATOR > XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W)	36A-SAB-J xxx-xx 36A-SBB-J xxx-xx X Lead wire let A 18" B 24"	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in	42 47 48P 48
# 10-32 DLENOID OPERATOR > XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W)	36A-SAB-J xxx-xx 36A-SBB-J xxx-xx X Lead wire let A 18" B 24"	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) Other options available, see page 3	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 36A-SBB-J XXX-XX X Lead wire let A 18" B 24" C 36" 317.	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48 400
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) Other options available, see page 3 te : - AC voltage requires connector	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 36A-SBB-J XXX-XX X Lead wire let A 18" B 24" C 36" 317. r with rectifier.	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) Dther options available, see page 3 e : - AC voltage requires connector - With the MAC JAC, washdow factory for washdown modific	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 37A-SBB-J XX 37A-SBB-J XX 37A-S	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48 400 92
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) Dther options available, see page 3 ret : - AC voltage requires connector - With the MAC JAC, washdow factory for washdown modific	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 37A-SBB-J XX 37A-SBB-J XX 37A-S	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48 400
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) Dther options available, see page 3 te : - AC voltage requires connector With the MAC JAC, washdown factory for washdown modific plate kit required (port size 1/4")	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 37A-SBB-J XX 37A-SBB-J XX 37A-S	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48 400 92 93
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) Dther options available, see page 3 te : - AC voltage requires connector With the MAC JAC, washdown factory for washdown modific plate kit required (port size 1/4")	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 37A-SBB-J XX 37A-SBB-J XX 37A-S	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48 400 92 93 ISO 01
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) Dther options available, see page 3 e : - AC voltage requires connector - With the MAC JAC, washdown factory for washdown modific plate kit required (port size 1/4")	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 37A-SBB-J XX 37A-SBB-J XX 37A-S	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48 400 92 93 ISO 01 ISO 02
# 10-32 DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) Other options available, see page 3 the : - AC voltage requires connector - With the MAC JAC, washdown factory for washdown modifie d plate kit required (port size 1/4") ODY TYPE OPTIONS	36A-SAB-J XXX-XX 36A-SBB-J XXX-XX 36A-SBB-J XXX-XX X Lead wire let A 18" B 24" C 36" 317. r with rectifier. r or capability is possible. Consult cation number. : M-36001-01.	J <u>XXX-XX</u> ngth X	36A-SAC-J XXX-XXX 36A-SBC-J XXX-XXX X* (-G) Add "C Manual operator Non-locking recessed	36A-SAD-J XXX-XXX 36A-SBD-J XXX-XXX 36A-SBD-J XXX-XXX 5" for ground XX Electrical connection BA Flying leads GA MAC JAC solenoid plug-in with diode GD MAC JAC solenoid plug-in with light	42 47 48P 48 400 92 93 ISO 01

150 3





Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum 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 Watt: (0.15 C _v), 2.4 Watt: (0.15 C _v), 5.4 Watt: (0.30 C _v)
Coil :	Class A wire (#22 AWG x 12), continuous duty
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult factory
Power:	5.4 W - 2.4 W - 1.8 W

Option :

• BSPP threads

Spare parts :

- Inlet & exhaust isolator plate : N-36001 Inlet isolator : N-36002
- Exhaust isolator : N-36003 Tie rod (x2) : 79411



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



unction	Port size	Flow	[Max]	Individual moi	unting	Series
3/2	1/8" - 5/3 tube	2 Pressed-in 0.3 receptacle	c _v	Manifold base "plug-in"		
OPERATIONAL BENEFITS					÷	33
. Balanced poppet, immune to vari pressure.	iations of					34
 Patented solenoid develops high forces. Short stroke with high flow. 	shifting					36
4. Higher forces result in lower watt given flow. 5. Powerful return spring.	ages for				No.	32
					1 40 4	37
				0	in c	38
					0	52
HOW TO ORDER						67
Port size	Un	iversal Valve	Universal Val	ve	Normally Closed Only	69
		mally Closed	Normally Op		2	44
						_ 46
Valve less base 1/8" NPTF		J00-00-J xx P- xxx JSA-AE-J xx P- xxx	36A-K00-00-J xx 36A-KSA-AF-J xx		36A-L00-00-J xxP-xxx 36A-LSA-AE-J xxP-xxx	_
5/32 tube receptacle		JSF-AE-J xxP-xxx	36A-KSF-AF-J XX		36A-LSF-AE-J xxP-xxx	42
SOLENOID OPERATOR >		J X	<u>(</u> P- <u>xxx</u> (-G) A	Add "G"	for ground	47 48P
XX Voltage		X Manual	perator	XX El	ectrical connection	
AA 120 VAC (5.4W)		1 Non-locking	recessed	FA Ba	se plug-in	48
DA 24 VDC (5.4W) DB 12 VDC (5.4W)		2 Locking rece	ssed		se plug-in with diode se plug-in with rectifier	_
DC 24 VDC (2.4W) DD 12 VDC (2.4W)						400
Other options available, see page 3 Note : AC voltage requires connector	17.					
Example : Manifold base only : 36A-0		osed manifold base)				92
End plate kit required (port size 1/4")		indiniola basej.				
						93
						ISO 01
						150 02
						ISO 1
						150 2
						ISO 3





Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum 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 :	$\overline{1.8W : (0.20 \text{ C}_{v}) - 2.4W : (0.20 \text{ C}_{v}) - 5.4W : (0.30 \text{ C}_{v})}$
Coil :	Class A continuous duty, #22 AWG x 12 base leads
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult Factory
Power:	5.4 W - 2.4 W - 1.8 W

Option :

• BSPP threads

Spare parts :

• Inlet isolator : 28501 • Exhaust isolator : 28502 • Valve cover plate : M-46002 • Tie rod (x2) : 79443





unction	Port size	Flow (Max)		mounting	Series
/2	1/8" - 5/32 Pre tube recept		Manifold ba "plug-in" wi pressure regulators	th	
PERATIONAL BENEFITS				0.20	33
Balanced poppet, immune to v pressure.	variations of				34
Patented solenoid develops his orces. Short stroke with high flow.					36
Higher forces result in lower w given flow. Powerful return spring.	vattages for			10	32
					37
			20		38
			20		52
HOW TO ORDER					67
Port size	Universa Normally		Universal Valve Normally Open	Normally Closed Only	69 44
	₽ I				46
Valve less base	36A-J00-00		36A-K00-00-J xx P- xxx	36A-L00-00-J xx P- xxx	
1/8" NPTF	36A-JSA-AG		36A-KSA-AH-J xxP-xxx	36A-LSA-AG-J xxP-xxx	
	36A-ISE-AG		36A-KSE-AH-LYYP-YYY	36A-LSE-AC-LYVP-YYY	- 42
5/32 tube receptacle	36A-JSF-AG	-J xxP-xxx	36A-KSF-AH-J xx P- xxx	36A-LSF-AG-J xxP-xxx	42
5/32 tube receptacle	36A-JSF-AG		36A-KSF-AH-J XXP-XXX P-XXX* (-G) Add "(42 47 48P
5/32 tube receptacle		J <u>XX</u> P	- xxx * (-G) Add "(G″ for ground	47 48P
5/32 tube receptacle DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W)	36A-JSF-AG		- <mark>XXX</mark> * (-G) Add "(T		47
5/32 tube receptacle DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W)	X	J XX P Manual open Non-locking reces	rator XX ssed FA	5" for ground Electrical connection Base plug-in Base plug-in with diode	47 48P
5/32 tube receptacle DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W)	x 1 2 e 317.	J XX P Manual open Non-locking reces	rator XX ssed FA	5" for ground Electrical connection Base plug-in Base plug-in with diode	47 48P 48
5/32 tube receptacle DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W)	x 1 2 e 317.	J XX P Manual open Non-locking reces	rator XX ssed FA	5" for ground Electrical connection Base plug-in Base plug-in with diode	47 48P 48 400
5/32 tube receptacle DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) DD 12 VDC (2.4W) DC 24 VDC	x 1 2 e 317.	J XX P Manual open Non-locking recessed	P-XXX* (-G) Add "C rator XX ssed FA FB FG 36A-KSA-AH-JXX P-XXX H NO manifold 8 T NO manifold 8	5" for ground Electrical connection Base plug-in Base plug-in with diode	47 48P 48 400 92 93
5/32 tube receptacle DLENOID OPERATOR ➤ XX Voltage AA 120 VAC (5.4W) DA 24 VDC (5.4W) DB 12 VDC (5.4W) DC 24 VDC (2.4W) DC 24 VDC (2.4W) DD 12 VDC (2.4W) Wher options available, see page te : AC voltage requires connect OPTIONS 36A-JSA-AG-JXX P-XXX G NC manife	e 317. tor with rectifier.	J XX P Manual open Non-locking recess Locking recessed	P-XXX* (-G) Add "C rator XX ssed FA FB FG 36A-KSA-AH-JXX P-XXX H NO manifold 8 T NO manifold 8	Electrical connection Base plug-in Base plug-in with diode Base plug-in with rectifier	47 48P 48 400 92 93 150 01





Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum 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 :	$\overline{1.8W:(0.20 \text{ C}_{v})-2.4W:(0.20 \text{ C}_{v})-5.4W:(0.30 \text{ C}_{v})}$
Coil :	Class A continuous duty, #22 AWG x 12 base leads
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult Factory
Power :	5.4 W - 2.4 W - 1.8 W

Option :

• BSPP threads

Spare parts :

• Inlet isolator : 28501 • Exhaust isolator : 28502 • Valve cover plate : M-46002 • Tie rod (x2) : 79443





Codification table for voltages / Manual operators / Electrical connections

VALVE CODE >

 $J \frac{XX}{1} \frac{X}{2} \frac{X}{3} \frac{XX}{4}$

OPTIONS AVAILABLE FOR

- Solenoid valves 36, 46, ISO 01 and ISO 02 Series



		J-XX X-X XX	
	1. VOLTAGE	*JL	Square Connector with Rectifier with light
		*JJ	Square Connector Male only (Plain)
J-XX X-X XX	VOLTAGE	*JB	Rectangular Connector
AA	120VAC (5.4W)	*JD	Rectangular Connector with light
AC	24VAC (5.4W)	*JN	Rectangular Connector with diode
DE	24VDC (1.8W)	*JP	Rectangular Connector with MOV
DF	12VDC (1.8W)	*JR	Rectangular Connector with diode/light
DJ	24VDC (1.3W)	*JS	Rectangular Connector with MOV /light
DL	12VDC (1.3W)	*JT	Rectangular Connector with Rectifier
DR	12VDC (1.0W)*	*JU	Rectangular Connector with Rectifier with light
DU	24VDC (1.0W)*	*JM	Rectangular Connector Male only (Plain)
* Not available on 2	36 series universal valve	* Not available on n	nanifold or stacking valves

			CONNECTORS FOR NON PLUG-IN VALVES
	2. WIRE LENGTH	J-XX X-X XX	MINI SQUARE PLUG-IN CONNECTORS
			9.4 MM SPACING BETWEEN PINS
J-XX X-X XX	WIRE LENGTH	KA	Mini plug-in
А	18" coil leads	КВ	Mini plug-in with diode
В	24" coil leads	КС	Mini plug-in with MOV
С	36" coil leads	KD	Mini plug-in with light
D	48" coil leads	KE	Mini plug-in with diode and light
Ε	72" coil leads	KF	Mini plug-in with MOV and light
F	96" coil leads	KG	Mini plug-in with rectifier
Р	Base plug-in	KH	Mini plug-in with rectifier and light
0	No leads (use with J, K & L type connectors)	KJ	Mini plug-in – Male only
		KK	Mini plug-in with diode - Male only
	3. MANUAL OPERATOR	KL	Mini plug-in with MOV - Male only
		KM	Mini plug-in with light - Male only
-XX X-X XX	MANUAL OPERATOR	KN	Mini plug-in with diode and light – Male only
0	No operator	KP	Mini plug-in with MOV and light – Male only
1	Non-locking recessed	KR	Mini plug-in with rectifier – Male only
2	Locking recessed	KS	Mini plug-in with rectifier and light – Male only
3	Non-locking extended		
4	Locking extended		CONNECTORS FOR NON PLUG-IN VALVES
7	Eocking extended	J-XX X-X XX	MINI SQUARE PLUG-IN CONNECTORS
	4. ELECTRICAL CONNECTION		8.0 MM SPACING BETWEEN PINS
	4. ELECTRICAL CONNECTION		ISO SPECIFICATION 15217
	CONNECTORS FOR NON PLUG-IN VALVES	LA	Mini plug-in
I-XX X-X XX	ELECTRICAL CONNECTION	LB	Mini plug-in with diode
ВА	Flying leads	LC	Mini plug-in with MOV
GA	MAC JAC solenoid plug-in	LD	Mini plug-in with light
GB	MAC JAC solenoid plug-in with diode	LE	Mini plug-in with diode and light
GC	MAC JAC solenoid plug-in with MOV	LF	Mini plug-in with MOV and light
GD	MAC JAC solenoid plug-in with light	LG	Mini plug-in with rectifier
GE	MAC JAC solenoid plug-in with diode and light	LH	Mini plug-in with rectifier and light
GE	MAC JAC solenoid plug-in with double and light MAC JAC solenoid plug-in with MOV and light	LJ	Mini plug-in – Male only
GG	MAC JAC solenoid plug-in with rectifier	LK	Mini plug-in with diode - Male only
GH	MAC JAC solenoid plug-in with rectifier and light	LL	Mini plug-in with MOV - Male only
GJ	MAC JAC solenoid plug-in with rectiner and light MAC JAC solenoid plug-in – Male only	LM	Mini plug-in with light - Male only
GK	MAC JAC solenoid plug-in – Male only MAC JAC solenoid plug-in with diode – Male only	LN	Mini plug-in with diode and light – Male only
GK	MAC JAC solenoid plug-in with diode – Male only MAC JAC solenoid plug-in with MOV – Male only	LP	Mini plug-in with MOV and light – Male only
GL		LR	Mini plug-in with rectifier – Male only
GN	MAC JAC solenoid plug-in with light – Male only	LS	Mini plug-in with rectifier and light – Male only
GN GP	MAC JAC solenoid plug-in with diode and light – Male only	J-XX X-X XX	CONNECTORS FOR PLUG-IN VALVES
GP GR	MAC JAC solenoid plug-in with MOV and light – Male only	FA	Base plug-in
GS	MAC JAC solenoid plug-in with rectifier – Male only	FB	Base plug-in with diode
	MAC JAC solenoid plug-in with rectifier and light – Male only	FC	1.5
*JA	Square Connector	FC FD	Base plug-in with MOV
*JC	Square Connector with light	FDFEFDFDFEFDFEFDFEFD_F	Base plug-in with light
*JE	Square Connector with diode	FEFFFF	Base plug-in with diode and light
*JF	Square Connector with MOV		Base plug-in with MOV and light
*JG	Square Connector with diode/light	FG	Base plug-in with rectifier
*JH	Square Connector with MOV /light	FH	Base plug-in with rectifier and light