



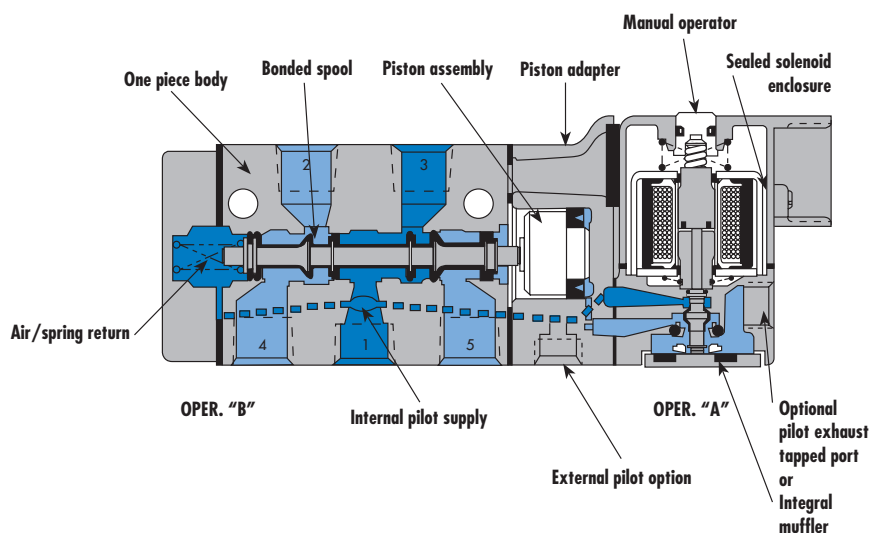
Direct solenoid and solenoid pilot operated valves

Individual mounting

inline	
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Manifold mounting

stacking body with 1 common port (inlet)	stacking body with 3 common ports (inlet & exhausts)	stacking body with 3 common ports and integral F.C.	stacking body with 3 common ports with common conduit	stacking body with 3 common ports with C. C. & integral exh. F. C.
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SERIES FEATURES

- The patented MACSOLENOID with its non-burn out feature on AC service.
- Air/spring return on single solenoid valves.
- Use for lube or non-lube service.
- Optional common conduit stacking valve with integral wiring space and indicator lights
- Optional integral individual exhaust flow controls.
- Optional low wattage DC solenoids down to 1 watt.
- Various types of manual operators and solenoid enclosures.



100%
OF
PRODUCTION
TESTED
100%

WARRANTY
18
MONTHS

SPECIAL APPLICATIONS :

On all single pressure models, energizing the operator closest to port #5 supplies pressure to cylinder port "2" and energizing the operator closest to port #4 supplies pressure to cylinder port "3". For the following special applications, additional piping considerations are required.

EXTERNAL PILOT APPLICATIONS :

An External Pilot is only required when the main valve pressure is less than 1.3 bar on single solenoid or 0.7 bar on double solenoid valves in 2-position models, or less than 1.3 bar on 3-position double solenoid models. Also an External Pilot is required when main valve pressure is in excess of 10 bar.

INDIVIDUAL VALVES: The External Pilot supply is connected to the External Pilot port in the piston adapter. The valve must be an External Pilot model.

STACKING VALVES: The External Pilot supply is connected to the External Pilot ports in the end plates. The valve is the same valve for either Internal or External Pilot. The end plate must be the external pilot type.

DUAL PRESSURE (TWO INLET) APPLICATIONS :

When two pressures are required within a valve, a Dual Pressure (Inlet) model must be used. Additionally the following must be adhered to:

INDIVIDUAL VALVES: If both pressures are below the minimum, use an External Pilot supply as described above for Individual valves and connect the two pressures to ports #4 and #5. Otherwise, use an Internal Pilot model and connect the higher pressure to port #5 and the lower pressure to port #4.

STACKING VALVES: Use an External Pilot Manifold End Plate Kit, as described above for Stacking Valves and connect the two pressures to the Exhaust ports in the end plate.

MULTIPLE PRESSURES TO A STACK :

By isolating, different pressures can be supplied to each end of a stack to provide two pressures. If more than two pressures are required, a Dual Inlet Pressure Block can be installed providing 2 more inlet pressures to a stack. With the use of 1 or more of these Pressure Blocks, a stack can have virtually unlimited inlet pressures.

VACUUM APPLICATIONS :

Use an External Pilot model as described under "External Pilot Applications", (Individual valve or Stacking).

For single pressure, dual exhaust type valve ports #4 & #5 (Exhausts) should be connected to the vacuum supply and port #1 (Inlet) to atmosphere.

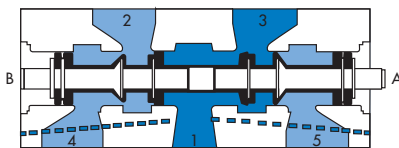
For dual pressure, single exhaust type valves, vacuum should be connected to port #1 (Inlet) and ports #4 & #5 (Exhausts) to atmosphere.

SELECTOR APPLICATIONS :

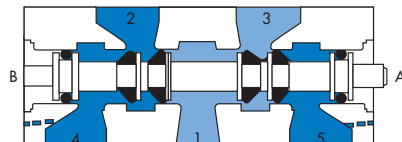
Use an External Pilot model as described above, if both pressures are below the minimum pilot pressure; otherwise use an Internal Pilot model. In either case, use a single pressure model and connect the higher pressure to port #1 (Inlet) and the lower pressure to port #4 (Exhaust) if using cylinder port #2 or to port #5 (Exhaust) if using cylinder port #3.

SPOOL CONFIGURATIONS

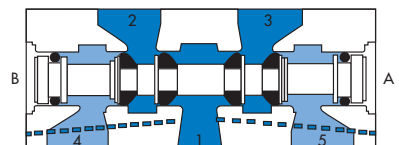
2-POSITION SGL. PRESSURE (SPOOL #12184)
B ACTUATED SHOWN



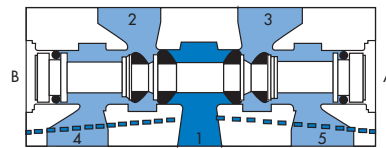
2-POSITION DUAL PRESSURE
(SPOOL ASSY.#10266) B ACTUATED SHOWN



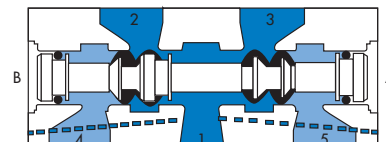
3-POSITION SGL. PRESS. CLOSED CENTER
(SPOOL ASSY. #S-00004) CENTER POSITION SHOWN



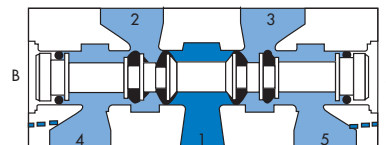
3-POSITION SGL. PRESS. OPEN CENTER
(SPOOL ASSY.#S-00003) CENTER POSITION SHOWN



3-POSITION SGL. PRESS. PRESSURE CENTER
(SPOOL ASSY. #S-08003) CENTER POSITION SHOWN



3-POSITION DUAL PRESS. PRESSURE CENTER
(SPOOL ASSY. #S-08002) CENTER POSITION SHOWN



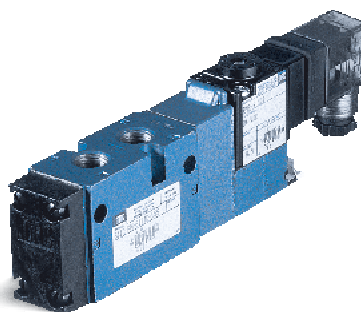


Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow (Max)	Individual mounting
5/2 - 5/3	G1/4"	1400 NI/min	inline

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return force thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Pilot valve with balanced poppet, high flow, short and consistent response times.
8. Long service life.



HOW TO ORDER

Port size	Pilot air	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 Pressure center
G1/4"	Internal	811C-PM- XXYYZ -155	821C-PM- XXYYZ -155	825C-PM- XXYYZ -555	825C-PM- XXYYZ -655	825C-PM- XXYYZ -855
	External	812C-PM- XXYYZ -115	822C-PM- XXYYZ -115	826C-PM- XXYYZ -515	826C-PM- XXYYZ -615	826C-PM- XXYYZ -815

SOLENOID OPERATOR ➤

XX Y ZZ*

XX	Voltage	Y	Manual operator	ZZ	Electrical connection
11	110V~/50Hz	1	Non-locking	JB	Rectangular connector
12	220V~/50Hz	2	Locking	JD	Rectangular connector with light
22	24V~/50Hz			JA	Square connector
59	24V~/2,5W			JC	Square connector with light
87	24V~/17,1W			BA	Flying leads (45 cm)
61	24V~/8,5W				

* Other options available, see page 305.

MODIFICATIONS - N° 0358 - G3/8" inlet and cylinder ports, exhaust ports G1/4"

MODIFICATIONS - N° 1080 - NAMUR interface.

Add mod. N° after valve part n°. - **EXAMPLE** : 811C-PM-111CA-155 Mod. 0358.

OPTIONS

811C-PM-111CA-155

- For 2 position dual pressure : replace by 2.

825C-PM-111CA-855

- For 3 position dual pressure, pressure center : replace by 7.



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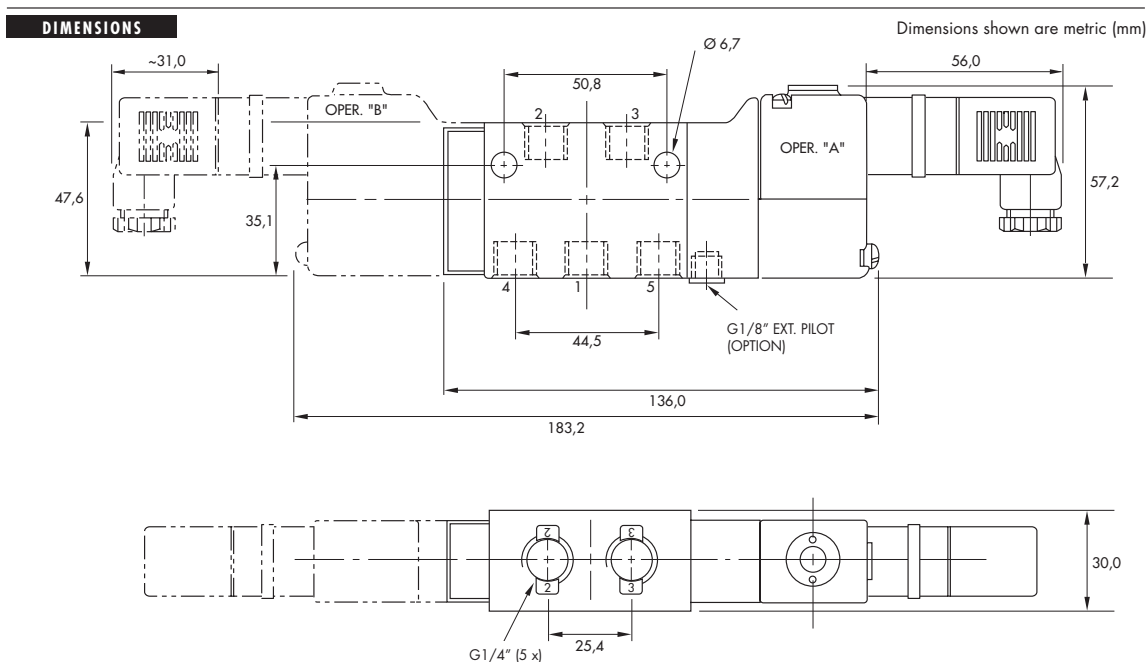
WARRANTY
18
MONTHS

TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases		
Pressure range :	Internal pilot : single operator and 3 positions : 1.3-10 bar double operator : 0.7-10 bar External pilot : vacuum to 13.3 bar		
Pilot pressure :	Single operator and 3 positions : 1.3-10 bar Double operator : 0.7-10 bar		
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)		
Filtration :	40 µ		
Temperature range :	-18°C to 50°C (0°F to 120°F)		
Flow (at 6 bar, ΔP=1bar) :	G1/4" : 1400 NL/min		
Coil :	General purpose - class A wires - Continuous duty - Encapsulated		
Voltage range :	-15% to +10% of nominal voltage		
Protection :	Consult factory		
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W		
Response times :	24 V= / 8.5 W	Energize : 8 ms	De-energize : 10 ms
	50Hz/ 6 W	Energize : 5-11 ms	De-energize : 9-16 ms

Spare parts : • Solenoid operator (power ≥ 4 W) : D1-XXAA, cover mounting screws 35206 and seal 16234.
• Pilot valve : PME-XYZZ, including seal 16337. • Mounting screw kit for pilot : N-08003.

Options : • NPTF threads. • NAMUR interface. • Flow control/muffler (G1/4") : 10951





Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Manifold mounting
5/2 - 5/3	G1/4"	1400 NI/min	stacking body with 1 common port (inlet)

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return force thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Pilot valve with balanced poppet, high flow, short and consistent response times.
8. Long service life.



HOW TO ORDER

Port size	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 Pressure center
G1/4"	811C-PM- XXYYZ -135	821C-PM- XXYYZ -135	825C-PM- XXYYZ -535	825C-PM- XXYYZ -635	825C-PM- XXYYZ -835

SOLENOID OPERATOR >

XX Y ZZ*

XX Voltage	Y Manual operator	ZZ Electrical connection
11 110V~/50Hz	1 Non-locking	JB Rectangular connector
12 220V~/50Hz	2 Locking	JD Rectangular connector with light
22 24V~/50Hz		BA Flying leads (45 cm)
59 24V~/2,5W		
87 24V~/17,1W		
61 24V~/8,5W		

* Other options available, see page 305.

MANIFOLD END PLATE KITS (BSPP)*

INT. PILOT - PART N°.	EXT. PILOT - PART N°.	MODELS USED WITH
M-08001-01-01P	M-08001-02-01P	3 com. port or 1 com. port models, stacks of 1 thru 16 valves
M-00005-01-01P	M-00005-02-01P	3 com. port or 1 com. port models, stacks of 17 or more valves

* Remove letter **P** at end of part N°. for NPTF threads; **EXAMPLE** : M-08001-01-01

Note : (1) end plate kit required per stack.

OPTIONS

811C-PM-111BA-135

- For 2 position dual pressure : replace by 2.

825C-PM-111BA-835

- For 3 position dual pressure, pressure center : replace by 7.



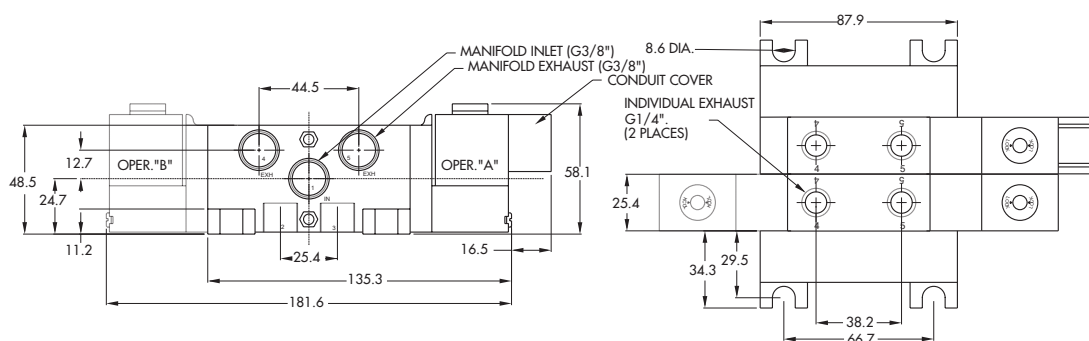
TECHNICAL DATA	
Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Internal pilot : single operator and 3 positions : 1.3-10 bar double operator : 0.7-10 bar External pilot : vacuum to 13.3 bar
Pilot pressure :	Single operator and 3 positions : 1.3-10 bar Double operator : 0.7-10 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)
Filtration :	40 µ
Temperature range :	-18°C to 50°C (0°F to 120°F)
Flow (at 6 bar, ΔP=1bar) :	G1/4" : 1400 NI/min
Coil :	General purpose - class A wires - Continuous duty - Encapsulated
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult factory
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W
Response times :	24 V= / 8.5 W Energize : 8 ms De-energize : 10 ms
	50Hz/ 6 W Energize : 5-11 ms De-energize : 9-16 ms

- Spare parts :
- Solenoid operator (power ≥ 4 W) : D1-XXAA, cover mounting screws 35206 and seal 16234.
 - Pilot valve : PME-XYZZ, including seal 16337. • Mounting screw kit for pilot : N-08003.
 - Inlet isolator : N-08001 • Exhaust isolator (x2) : N-08002

- Options :
- NPTF threads. • Dual inlet block: M-08003 • Flow control/muffler (G1/4") : 10951

DIMENSIONS

Dimensions shown are metric (mm)



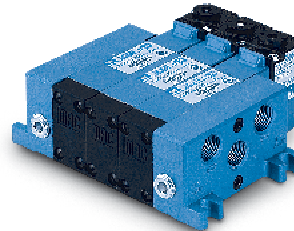


Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Manifold mounting
5/2 - 5/3	G1/4" - G3/8"	1400 NI/min	stacking body with 3 common ports (inlet & exhausts)

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return force thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Pilot valve with balanced poppet, high flow, short and consistent response times.
8. Long service life.



HOW TO ORDER

Port size	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 Pressure center
G1/4"	811C-PM- XXYYZ -125	821C-PM- XXYYZ -125	825C-PM- XXYYZ -525	825C-PM- XXYYZ -625	825C-PM- XXYYZ -825
G3/8"	811C-PM- XXYYZ -126	821C-PM- XXYYZ -126	825C-PM- XXYYZ -526	825C-PM- XXYYZ -626	825C-PM- XXYYZ -826

SOLENOID OPERATOR ➤

XX Y ZZ*

XX Voltage	Y Manual operator	ZZ Electrical connection
11 110V~/50Hz	1 Non-locking	JB Rectangular connector
12 220V~/50Hz	2 Locking	JD Rectangular connector with light
22 24V~/50Hz		BA Flying leads (45 cm)
59 24V~/2,5W		
87 24V~/17,1W		
61 24V~/8,5W		

* Other options available, see page 305.

MANIFOLD END PLATE KITS (BSPP)*		
INT. PILOT - PART N°.	EXT. PILOT - PART N°.	MODELS USED WITH
M-08001-01-01P	M-08001-02-01P	3 com. port or 1 com. port models, stacks of 1 thru 16 valves
M-00005-01-01P	M-00005-02-01P	3 com. port or 1 com. port models, stacks of 17 or more valves

* Remove letter **P** at end of part N°. for NPTF threads; **EXAMPLE** : M-08001-01-01

Note : (1) end plate kit required per stack.

OPTIONS

811C-PM-111RA-125

- For 2 position dual pressure : replace by 2.

825C-PM-111RA-825

- For 3 position dual pressure, pressure center: replace by 7.



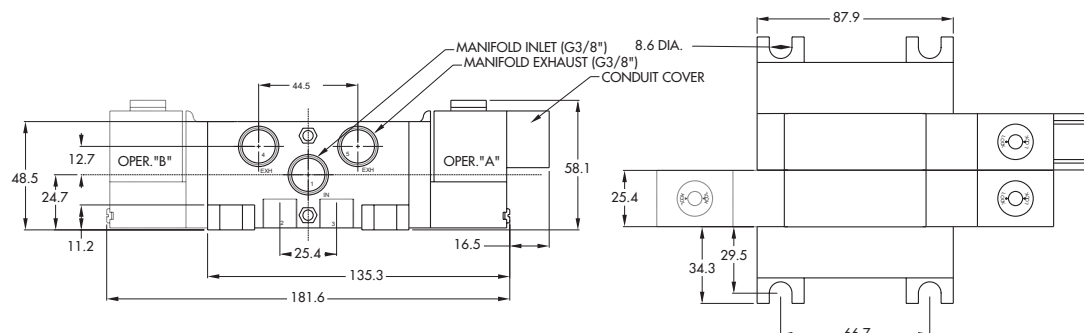
TECHNICAL DATA	
Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Internal pilot : single operator and 3 positions : 1.3-10 bar double operator : 0.7-10 bar External pilot : vacuum to 13.3 bar
Pilot pressure :	Single operator and 3 positions : 1.3-10 bar Double operator : 0.7-10 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)
Filtration :	40 µ
Temperature range :	-18°C to 50°C (0°F to 120°F)
Flow (at 6 bar, ΔP=1bar) :	G1/4" : 1400 NI/min, G3/8" : 1400 NI/min
Coil :	General purpose - class A wires - Continuous duty - Encapsulated
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult factory
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W
Response times :	24 V= / 8.5 W Energize : 8 ms De-energize : 10 ms
	50Hz/ 6 W Energize : 5-11 ms De-energize : 9-16 ms

- Spare parts :
- Solenoid operator (power ≥ 4 W) : D1-XXAA, cover mounting screws 35206 and seal 16234.
 - Pilot valve : PME-XYZZ, including seal 16337. • Mounting screw kit for pilot : N-08003.
 - Inlet isolator : N-08001 • Exhaust isolator (x2) : N-08002.

- Options :
- NPTF threads. • Dual inlet block: M-08003.

DIMENSIONS

Dimensions shown are metric (mm)



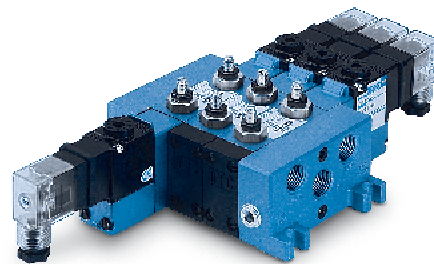


Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow (Max)	Manifold mounting
5/2 - 5/3	G1/4" - G3/8"	1400 NI/min	stacking body with 3 common ports and integral F.C.

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return force thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Pilot valve with balanced poppet, high flow, short and consistent response times.
8. Long service life.



HOW TO ORDER

Port size	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 Pressure center
G1/4"	811C-PM- XXYYZ -195	821C-PM- XXYYZ -195	825C-PM- XXYYZ -595	825C-PM- XXYYZ -695	825C-PM- XXYYZ -895
G3/8"	811C-PM- XXYYZ -196	821C-PM- XXYYZ -196	825C-PM- XXYYZ -596	825C-PM- XXYYZ -696	825C-PM- XXYYZ -896

SOLENOID OPERATOR >

XX Y ZZ*

XX Voltage	Y Manual operator	ZZ Electrical connection
11 110V~/50Hz	1 Non-locking	JB Rectangular connector
12 220V~/50Hz	2 Locking	JD Rectangular connector with light
22 24V~/50Hz		BA Flying leads (45 cm)
59 24V~/2,5W		
87 24V~/17,1W		
61 24V~/8,5W		

* Other options available, see page 305.

MANIFOLD END PLATE KITS (BSPP)*

INT. PILOT - PART N°.	EXT. PILOT - PART N°.	MODELS USED WITH
M-08001-01-01P	M-08001-02-01P	3 com. port or 1 com. port models, stacks of 1 thru 16 valves
M-00005-01-01P	M-00005-02-01P	3 com. port or 1 com. port models, stacks of 17 or more valves

* Remove letter **P** at end of part N°. for NPTF threads; **EXAMPLE** : M-08001-01-01

Note : (1) end plate kit required per stack.

OPTIONS

811C-PM-111RA-195

- For 2 position dual pressure : replace by 2.

825C-PM-111RA-895

- For 3 position dual pressure, pressure center: replace by 7.



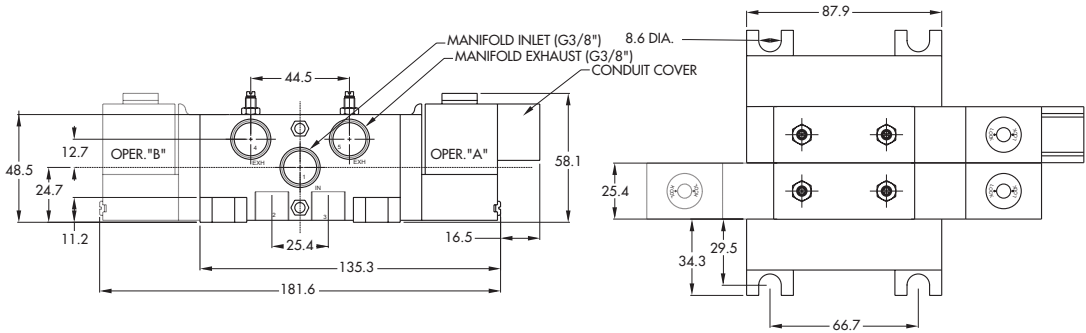
TECHNICAL DATA	
Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Internal pilot : single operator and 3 positions : 1.3-10 bar double operator : 0.7-10 bar External pilot : vacuum to 13.3 bar
Pilot pressure :	Single operator and 3 positions : 1.3-10 bar Double operator : 0.7-10 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)
Filtration :	40 µ
Temperature range :	-18°C to 50°C (0°F to 120°F)
Flow (at 6 bar, ΔP=1bar) :	G1/4" : 1400 NI/min, G3/8" : 1400 NI/min
Coil :	General purpose - class A wires - Continuous duty - Encapsulated
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult factory
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W
Response times :	24 V= /8.5 W Energize : 8 ms De-energize : 10 ms 50Hz/6 W Energize : 5-11 ms De-energize : 9-16 ms

- Spare parts :
- Solenoid operator (power ≥ 4 W) : D1-XXAA, cover mounting screws 35206 and seal 16234.
 - Pilot valve : PME-XXYZZ, including seal 16337. • Mounting screw kit for pilot : N-08003.
 - Inlet isolator : N-08001 • Exhaust isolator (x2) : N-08002.

- Options :
- NPTF threads. • Dual inlet block: M-08003.

DIMENSIONS

Dimensions shown are metric (mm)





Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Manifold mounting
5/2 - 5/3	G1/4" - G3/8"	1400 NI/min	stacking body with 3 common ports with common conduit

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return force thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Pilot valve with balanced poppet, high flow, short and consistent response times.
8. Long service life.



HOW TO ORDER

Port size	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 Pressure center
G1/4"	811C-PM- XXYYZ -145	821C-PM- XXYYZ -145	825C-PM- XXYYZ -545	825C-PM- XXYYZ -645	825C-PM- XXYYZ -845
G3/8"	811C-PM- XXYYZ -146	821C-PM- XXYYZ -146	825C-PM- XXYYZ -546	825C-PM- XXYYZ -646	825C-PM- XXYYZ -846

SOLENOID OPERATOR >

XX Y ZZ*

XX Voltage	Y Manual operator	ZZ Electrical connection
11 110V~/50Hz	1 Non-locking	DA Common conduit
12 220V~/50Hz	2 Locking	
22 24V~/50Hz		
59 24V~/2,5W		
87 24V~/17,1W		
61 24V~/8,5W		

* Other options available, see page 305.

MODIFICATIONS

MOD. N°	DESCRIPTION	MODEL AVAILABILITY
0387	Indicator light 24 VDC	Single & double solenoid
0295	Indicator light 120 V/60/50	
0296	Indicator light 240 V/60/50	

TO ORDER - Add the appropriate modification number after the valve number; **EXAMPLE** : 811C-PM-111DA-145 **MOD 0295**

MANIFOLD END PLATE KITS (BSPP)*

INT. PILOT - PART N°.	EXT. PILOT - PART N°.	MODELS USED WITH
M-08002-01-01P	M-08002-02-01P	Com. conduit models, stacks of 1 thru 16 valves
M-00007-01-01P	M-00007-02-01P	Com. conduit models, stacks of 17 or more valves

* Remove letter **P** at end of part N°. for NPTF threads; **EXAMPLE** : M-08002-01-01

Note : (1) end plate kit required per stack.

OPTIONS

811C-PM-111DA-145

- For 2 position dual pressure : replace by 2.

825C-PM-111DA-845

- For 3 position dual pressure, pressure center : replace by 7.



Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Manifold mounting
5/2 - 5/3	G1/4" - G3/8"	1400 NI/min	stacking body with 3 common ports with C. C. & integral exh. F. C.

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return force thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Pilot valve with balanced poppet, high flow, short and consistent response times.
8. Long service life.



HOW TO ORDER

Port size	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	5/3 Pressure center
G1/4"	811C-PM- XXYYZZ -165	821C-PM- XXYYZZ -165	825C-PM- XXYYZZ -565	825C-PM- XXYYZZ -665	825C-PM- XXYYZZ -865
G3/8"	811C-PM- XXYYZZ -166	821C-PM- XXYYZZ -166	825C-PM- XXYYZZ -566	825C-PM- XXYYZZ -666	825C-PM- XXYYZZ -866

SOLENOID OPERATOR ➤

XX Y ZZ*

XX Voltage	Y Manual operator	ZZ Electrical connection
11 110V~/50Hz	1 Non-locking	DA Common conduit
12 220V~/50Hz	2 Locking	
22 24V~/50Hz		
59 24V~/2,5W		
87 24V~/17,1W		
61 24V~/8,5W		

* Other options available, see page 305.

MODIFICATIONS		
MOD. N°	DESCRIPTION	MODEL AVAILABILITY
0387	Indicator light 24 VDC	Single & double solenoid
0295	Indicator light 120 V/60/50	
0296	Indicator light 240 V/60/50	

TO ORDER - Add the appropriate modification number after the valve number; **EXAMPLE** : 811C-PM-111DA-165 **MOD 0295**

MANIFOLD END PLATE KITS (BSPP)*		
INT. PILOT - PART N°.	EXT. PILOT - PART N°.	MODELS USED WITH
M-08002-01-01P	M-08002-02-01P	Com. conduit models, stacks of 1 thru 16 valves
M-00007-01-01P	M-00007-02-01P	Com. conduit models, stacks of 17 or more valves

* Remove letter **P** at end of part N°. for NPTF threads; **EXAMPLE** : M-08002-01-01

Note : (1) end plate kit required per stack.

OPTIONS

811C-PM-111DA-165

— For 2 position dual pressure : replace by 2.

825C-PM-111DA-865

— For 3 position dual pressure, pressure center : replace by 7.



100%
OF
PRODUCTION
TESTED
100%

WARRANTY
18
MONTHS

TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases		
Pressure range :	Internal pilot : single operator and 3 positions : 1.3-10 bar double operator : 0.7-10 bar External pilot : vacuum to 13.3 bar		
Pilot pressure :	Single operator and 3 positions : 1.3-10 bar Double operator : 0.7-10 bar		
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80°C to 100°C)		
Filtration :	40 µ		
Temperature range :	-18°C to 50°C (0°F to 120°F)		
Flow (at 6 bar, ΔP=1bar) :	G1/4" : 1400 NI/min, G3/8" : 1400 NI/min		
Coil :	General purpose - class A wires - Continuous duty - Encapsulated		
Voltage range :	-15% to +10% of nominal voltage		
Protection :	Consult factory		
Power :	~ Inrush : 14.8 VA Holding : 10.9 VA = 1 to 17.1 W		
Response times :	24 V=8.5 W	Energize : 8 ms	De-energize : 10 ms
	50Hz/6 W	Energize : 5-11 ms	De-energize : 9-16 ms

Spare parts :

- Solenoid operator (power ≥ 4 W) : D1-XXAA, cover mounting screws 35206 and seal 16234.
- Pilot valve : PME-XYZZ, including seal 16337. • Mounting screw kit for pilot : N-08003.
- Inlet isolator : N-08001 • Exhaust isolator (x2) : N-08002.

Options :

- NPTF threads. • Dual inlet block: M-00014.

DIMENSIONS

Dimensions shown are metric (mm)

