

# spirax /sarco®

## Type MDM Banked Pilot Valves for use with Piston Actuated Valves

### Description

A series of 3 way normally closed, solenoid operated, banked pilot valves that are joined together and supply pressure to operate a corresponding number of Piston Actuated Valves. This banked manifold assembly may be mounted in any position. They are suitable for air or water media.

Standard for each banked valve is a manual override button, FKM seals, a strain relief electrical connector with IP65 protection.

### Technical details

Construction material:	Body — Brass Seals — Viton
Mounting:	Universal, any position Accepts #6 machine screws
Manual Override:	Slotted 180° turn-button
Pilot Valve Connections:	1/8" NPT common "IN" 1/8" NPT individual "OUT"
Electrical Connection:	DIN 43650 Form B
Coil Consumption:	AC: 9 VA (holding) 14 VA (inrush) DC: 7 W

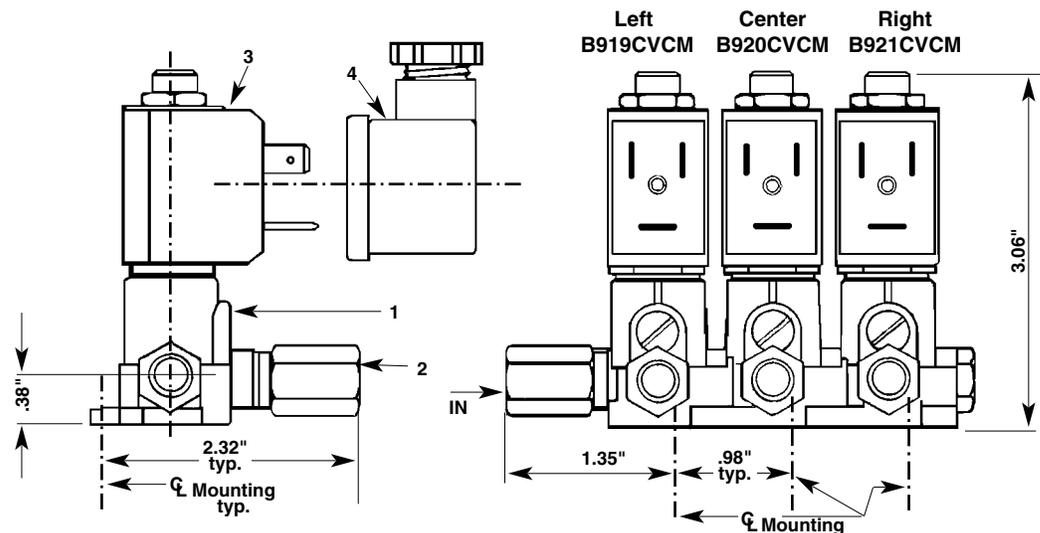
### Limiting conditions

Maximum media temperature:	140°F
Minimum media temperature:	14°F
Protection class:	IP65 (with DIN connector)
Operating pressure:	0 - 150 psig



### Dimensions / weights (approximate) in inches and lbs.

Sta.	C in.	Wgt. lbs.
2	3.00	1.3
3	4.00	1.9
4	5.00	2.5
5	6.00	3.1
6	7.00	3.7
7	8.00	4.3
8	9.00	4.9



Local regulation may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only.  
In the interests of development and improvement of the product, we reserve the right to change the specification.

TI-8-500-US 03.03

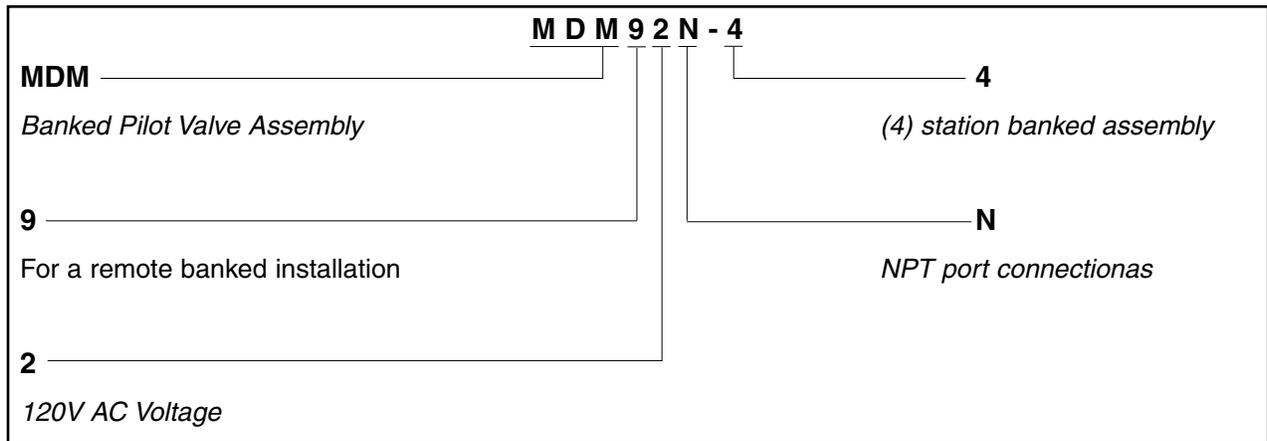
# Type MDM Banked Pilot Valves for use with Piston Actuated Valves

## Installation

The blanket valve assembly can be directly mounted to a system plate in any position. Incoming pilot pressure to connect with the *common* "IN" port (end). Outgoing pilot pressure to connect from the *individual* "OUT" ports (sides). Each "Out" port line to connect to a corresponding Piston Actuated Valve actuator. Note: When attaching to the PAV's with 63mm or 90mm actuator heads, it will be necessary to bush up from 1/8" NPT to 1/4" NPT.

## Order Information

Example:           **MDM92N-4**  
A (4) station banked Pilot Valve assembly, 120V AC,  
1/8" NPT for a 45mm or 63mm Piston Actuate Valve.



## Available Types

Model Number	Pav Actuator	Voltage/Frequency	Port Connections
MDM91N-X*	45, 63mm**	240V AC	1/8" NPT
MDM92N-X*	45, 63mm**	120V AC	1/8" NPT
MDM93N-X*	45, 63mm**	24V AC	1/8" NPT
MDM93N-X*	45, 63mm**	24V DC	1/8" NPT

\* X denotes number of banked stations. Number may be from (2) to (8) depending on amount of PAV's requiring service. For information on additional stations, consult Spirax Sarco, Inc.

\*\*90mm Actuators, consult Spirax Sarco, Inc.

Materials		
No.	Description	Part No.
1	Valve - Left Valve - Center Valve - Right	B919CVCM B920CVCM B921CVCM
2	Adaptor	72415
3	Coil	270R - 240VAC 240R - 120VAC 220R - 24VAC 225R - 24VDC
4	Connector DIN 43650	001

© Spirax Sarco, Inc. 2003

TI-8-500-US 03.03