

MD2200

Electric Pneumatic Control Valves

The **MD2200 Electric Pneumatic Control Valves** are compact in size and provide large flow capacity and low power consumption. The MD2200 valve is a single valve, multi-ported for 2-way and 3-way operation. Options include standard and continuous operation, standalone use, manifold and flying leads, or DIN terminal. The manifold mounted valve can be easily operated through PLC control in robotics and automation installations.



FEATURES

- On/Off Operation
- Energy Saving Design

FOCUS MARKETS/APPLICATIONS

- Lab Water Purification Systems
- O2 Concentrators
- Ventilators

COMPETITIVE ADVANTAGES

- Low Power Consumption
- Over 1.0 Million Test Cycles
- High Flow Rate of 0.2 Cv
- Pressure and Vacuum Models

ORDERING INFORMATION

	22	XX	XX	XXXXXX	XX
PORT SIZE					
Manifold Ported		00			
1/8" NPT Body Ported		01			
1/4" NPT Body Ported		02			
PORTING					
NPT			05		
Manifold			10		
VOLTAGE					
110VAC				110VAC	
220VAC				220VAC	
24VDC				24VDC	
12VDC				12VDC	
OPTIONS					
Standard					S0
Standard w/ DIN Terminal					SD
Vacuum					V0
Vacuum w/ DIN Terminal					VD



TECHNICAL DATA

PCD Series	MD2200	
Port Size	MD2200	Manifold Mount
	MD2201	1/8"
	MD2202	1/4"
Flow Rate, Cv (scfm)	0.10 - 0.19 (5.5 - 10.7)	
Operating Pressure, PSI	Standard	0 to 100
	Vacuum	-14.5 to 14.5
Operating Temperature	14 to 122°F (-10 to 50°C)	
Response Time, ms	20 or less	
Enclosure	Dustproof	
Coil Ratings		
AC	Voltage, VAC	110, 220, 50/60Hz, -15 to +10%
	Power - Inrush, VA	12.7 (50Hz), 10.7 (60Hz)
	Power - Holding	7.6 (50Hz), 5.4 (60Hz)
DC	Voltage, VDC	12, 24, -15 to +10%
	Consumption, W	4
Cycle Test	1.0 million w/o fail	
Electrical	600mm leads or DIN terminal w/ connector	
Manifold/Body Material	Aluminum, Nitrile Rubber	

ACCESSORIES ORDERING INFORMATION

NPT Body Ported Mounting Bracket Kit (w/screws)	607000132			
NPT Manifolds & Accessories	1(P)	2(A)	3(R)	
5 Station, Common Exhaust, 1/8" output	1/8	1/8	1/8	679061000
5 Station, Individual Exhaust, 1/8" output	1/4	1/8	1/8	679061001
5 Station, Individual Exhaust, 1/4" output	1/4	1/4	1/8	679061002
10 Station, Common Exhaust, 1/8" output	1/8	1/8	1/8	679062000
10 Station, Individual Exhaust, 1/8" output	1/4	1/8	1/8	679062001
10 Station, Individual Exhaust, 1/4" output	1/4	1/4	1/8	679062002
Blanking Plate Kit (w/screws and gasket)				638172000
Function Plate Kit (w/screws and gasket)*				638173000

*Function Plate Kit included with all Manifold Ported Valves

Visit our website or contact your account manager for more information on custom solutions from Marsh Medical!

marsh-medical.com

Marsh Medical, a division of the Marsh Bellofram Group of Companies

8019 Ohio River Blvd. Newell, WV 26050 USA
304-387-1200 | customerRFQ@marshbellofram.com

REV 07.22.24