

MD2700

Medical Manifold

The **MD2700 Medical Manifold** from Marsh Medical is a highly versatile and innovative pneumatic control solution designed to streamline and enhance the efficiency of medical pneumatic systems. It features a multi-pin interface for rapid installation, configurable for up to 48 solenoid coils, and supports multi-pressure zones, ensuring adaptability to various medical applications. The manifold is IP65 rated for durability and is equipped with an LED display for easy troubleshooting, offering a reliable and user-friendly interface for the management of pneumatic controls.



FEATURES

- IO-Link mode for direct connection to the host IO-Link master
- Multi-pin interface optional D-Sub or flat cable
- Reversible piston spool valves, up to 24 valve position
- Optional Quick Plug Connector
- Multiple Pressure Zones Possible
- The D-Sub variant and fieldbus interface are IP65 rated
- By using plugs, an internal or external pilot air supply can be implemented within the same manifold plate
- Sub-base valve with working port on the bottom for control cabinet installation

FOCUS MARKETS/APPLICATIONS

- Ventilators
- Anesthesia Machines
- Automated Medication Dispensing Systems
- Diagnostic Equipment
- Laboratory Automation Instruments
- Sterilization

COMPETITIVE ADVANTAGES

- IP65 rated for superior durability and environmental resistance
- Configurable up to 48 solenoid coils
- Multiple Pressure Zones
- LED Indication for quick trouble-shooting
- Reduced Power Consumption
- Rapid installation with prefabricated multi-conductor or multi-pin cables



TECHNICAL DATA

PCD Series	MD2700
Positions	4, 5, 6, 7, 8, 9, 10, 16, 20, 24
Electrical Connections	D-SUB 25 pin, IO-Link, ProfiNET, EtherCat, EtherNet/IP, CC-Link IE Field Basic
Voltage	24VDC +/- 10%
Power Consumption	Single Coil Instant Max 1.2W
Flow Rate	Max 600L/min (According to the valve type)
Connection Types	Input - 3/8" Push to connect fitting Output - 1/4" Push to connect fitting