

SOLENOID VALVES

High-temperature High-pressure Valve



Handles up to 175°C, 1500 kPa, and Highly Corrosive Media

Features

- Employs a unique mechanism to absorb dimensional changes of the plastic body, resulting from temperature changes. No leakage with high temperature media.
- Suitable for applications such as COD measurement instruments, even with heated sulfuric acid as the media.
- PFA body is now molded, to help reduce cost.
- Optionally the best-selling high-temperature high-pressure molded MTV series, and the lower cost solenoid version WTB series, are available.

Specifications

Model Number	MTV-2A-M6(1/4U)GHT	WTB-2A-M6(1/4U)GHT
Type	2-way Normally Closed	
Orifice Diameter	1.6 mm	
Port Connection	M6, 1/4-28UNF	
Operating Pressure	IN: 0 ~ 1,500 kPa OUT: 0 ~ 100 kPa	
Fluid Temp. Range	5 ~ 175 °C	
Ambient Temp. Range	5 ~ 40 °C	
Rated Voltage	12 or 24 VDC	
Power Consumption	17.6 W (INRUSH) 2.9 W (HOLDING) *1	26.3 W (INRUSH) 4.2 W (HOLDING) *1
Duty Cycle	Continuous	
Insulation Class	Class H	Class B
Dielectric Strength	1500 VAC for 60 s	1000 VAC for 60 s
Wetted Materials	PFA, PTFE, FFKM	
Outer Dimensions	φ 25.3 × 47.7 mm	25.3 × 28.2 × 54.2 mm

*1 With hit and hold circuit.

Note: Details including specifications may change without notification.

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