

Chemically Inert Solenoid Valve

High-Temperature High-Pressure Valve



Up to 180°C & 800 kPa

Features

- Employs a unique mechanism to absorb the dimensional changes of the plastic body caused by temperature changes. No leakage with high temperature fluids.
- Most suitable for the case sulfuric acid is heated for COD Measurement.
- An elastomer is employed for the seal material, reducing damage to the valve seat by foreign matters in the fluid and associated leakage problem.

Specifications

Model Number	MTV-2-M6(1/4U)GHT-20
Type	2-way Normally Closed
Orifice Diameter	1.8 mm
Port Connection	M6 or 1/4-28UNF
Operating Pressure Range	IN:0 ~ 800 kPa OUT:0 ~ 100 kPa
Fluid Temp. Range	5 ~ 180 °C
Ambient Temp. Range	5 ~ 40 °C
Rated Voltage	12 or 24 VDC
Power Consumption	7.6 W
Duty Cycle	ED=20 %, Maximum ON time: 5 min (Continuous operation possible with an optional circuit)
Insulation Class	Class H
Dielectric Strength	1500 VAC for 60 s
Wetted Materials	PFA, Perfluoroelastomer
Outer Dimensions	25 x 47.5 mm

Note: Details including specifications may change without notification.

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