

TAKASAGO

EXV-2MF Manifold Mount Inert Isolation Valves

1.0 mm Orifice, PEEK or PPS, 2-Way, Normally Closed

DESCRIPTION

Model EXV-2MF manifold mount inert isolation valves mount directly on customer designed manifold blocks. A Perfluor or FPM gasket provides sealing.

The valves have molded PEEK or PPS valve bodies and unique Per-fluor soft elastomeric seals which are forgiving of particulate matter that would typically scratch a PTFE valve seat. An FPM seal is also available.

The valve's small size and mounting style allows the end user flexibility and minimum internal volume in the layout of fluidic circuitry.



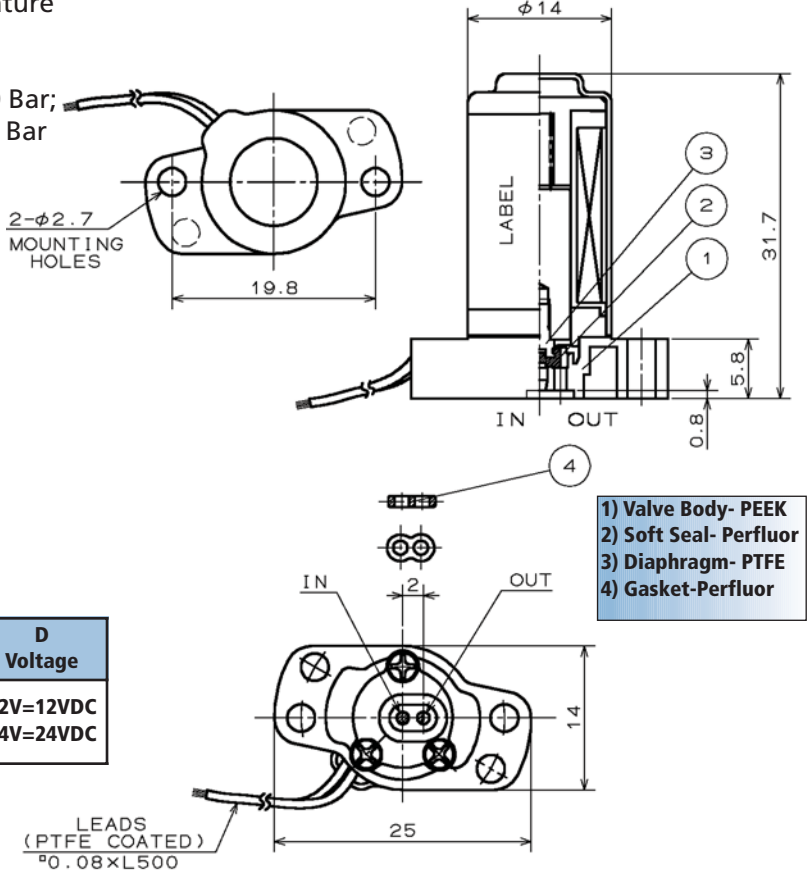
EXV-2K-MFG

SPECIFICATIONS

GENERAL

- Rated Voltage- 12Vdc or 24Vdc
- Min. Operating Voltage- 90% of rated voltage
- Drop Out Voltage- 10% of rated voltage
- Power Consumption- 2.8W
- Operating Duty- continuous
- Coil Temp. Rise- Max 110°C from room temperature
- Orifice Diameter- 1.0mm
- Internal Volume- IN, 4µl; OUT, 25µl
- Operating Pressure (2-w)- IN, -150 mmHg to 2.0 Bar; OUT, -375 mmHg to 2.0 Bar
- Media Temperature Range- 0-40°C
- Ambient Temperature Range-0-40°C
- Weight- 23 grams
- Insulation Class- Class F
- Dielectric Strength- 1500 Vac/1 minute
- Port Connection- Perfluor gasket, FPM gasket
- Valve Body Material- PEEK, PPS
- Isolating Diaphragm Material- PTFE
- Valve Seat Seal Material- Dai-el Perfluor, FPM

DIMENSIONS (MM)



ORDERING INFORMATION

ABCD

EXAMPLE: EXV-2KMFG12V

A Model	B Mounting	C Valve Seat	D Voltage
EKV-2K=PEEK Body EXV-2R=PPS Body	MF=Manifold Mounting	G=Perfluor F=FPM	12V=12VDC 24V=24VDC

Bold order combinations typically ship from stock