

TAKASAGO**XTA-3, 3-Way Inert Isolation Valve**

Solenoid Operated, PEEK or PPS Valve Bodies, Built-in Hit & Hold Circuit

DESCRIPTION

Model series XTA inert isolation valves offer great performance and a choice of wetted materials for compatibility with aggressive media. The valves utilize unique soft elastomeric seals that are forgiving of particulate matter that would typically destroy an inert valve.

The XTA series are a three-way configuration. Model XTA-3R have molded PPS bodies and Model XTA-3K have molded PEEK bodies. The valves have PTFE isolation diaphragms and a Perfluor or FPM soft valve seat seal.

The XTA series feature a built-in microprocessor based hit and hold circuit that drops the supply voltage after energizing the valve to reduce heat and power consumption.

SPECIFICATIONS**GENERAL**

- Rated Voltage- 12Vdc or 24Vdc
- Power Consumption- 11.2W inrush, 1.8W holding
- Duty Cycle- Continuous; The hit and hold circuit is timer controlled and it is not recommended to run the on/off cycles at over 3 Hz
- Orifice Diameter- 2mm
- Operating Pressure-
Com: 2 Bar (29 PSI)
N.O. & N.C.: 1 Bar (14.5 PSI)
- Media & Temperature Range- 5 to 70°C (41 to 158°F)
- Ambient Temperature Range- 5 to 50°C (41 to 122°F)
- Insulation Class- Class E
- Insulation Resistance- 50 Mohm at 500 Vdc
- Dielectric Strength- 1000 Vac/1 minute
- Port Connection- 1/4-28 threaded, M6 threaded, 3 mm or 4 mm barb
- Valve Body Material- PEEK or PPS
- Isolating Diaphragm Material- PTFE
- Valve Seat Soft Seal Material- Dai-el Perfluor or FPM
- Wiring- Polarity important, red wire to positive (+), black wire to negative (-)

ORDERING INFORMATION**ABC-D****EXAMPLE: XTA-3R1/4UG-12V**

A Model/Body Material	B Connection	C Seal Material	D Voltage
XTA-3K= PEEK XTA-3R= PPS	Threaded Ports 1/4U= 1/4-28 UNF M6= M6 Hose Barb N3= 3 mm N4= 4mm	G= Perfluor F= FPM	12V= 12VDC 24V= 24VDC

**DIMENSIONS (MM)**