

TAKASAGO**WTB-3, 3-Way Inert Isolation Valve***Solenoid Operated, PEEK or PPS Valve Bodies***DESCRIPTION**

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

SPECIFICATIONS**GENERAL**

Rated Voltage- 12Vdc or 24Vdc

Min. Operating Voltage- 90% of rated voltage

Drop Out Voltage- 10% of rated voltage

Power Consumption- 3.4 Watts

Duty Cycle- Continuous

Coil Temp. Rise- Max 65°C from room temperature

Orifice Diameter- 2mm (1.6 mm for PTFE Body)

Operating Pressure-

Com: -675mmHg to 2.0 bar (-26" Hg to 29 psi)

NO & NC: 1.0 bar (14.5 psi)

Media & Ambient Temperature Range- 5-50°C (41-122°F)

Weight- 81 grams

Insulation Class- Class E

Insulation Resistance- 50 Mohm at 500 Vdc

Dielectric Strength- 1500 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

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

A Model/Body Material	B Connection	C Seal Material	D Voltage
WTA-3K= PEEK WTA-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)**