

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

Solenoid Operated, PEEK or PPS Valve Bodies, 2 mm Orifice

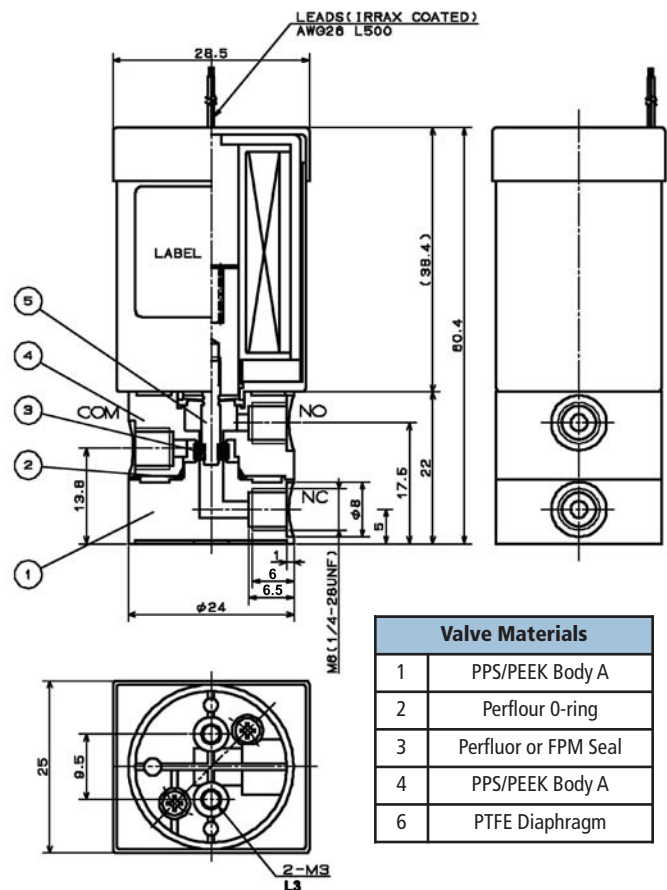
DESCRIPTION

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
 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

DIMENSIONS (MM)**Valve Materials**

Material ID	Material Description
1	PPS/PEEK Body A
2	Perfluor O-ring
3	Perfluor or FPM Seal
4	PPS/PEEK Body A
6	PTFE Diaphragm

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

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