

TAKASAGO**WTA-2 2-Way Normally Closed Inert Isolation Valve***Solenoid Operated, PEEK & PPS Valves***DESCRIPTION**

Model series WTA 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 WTA series are a two way, normally closed configuration. Model WTA-2R have molded PPS bodies and Model WTA-2K have molded PEEK bodies. The valves have PTFE isolation diaphragms and a Perfluor or FPM soft valve seat seal.

SPECIFICATIONS**GENERAL**

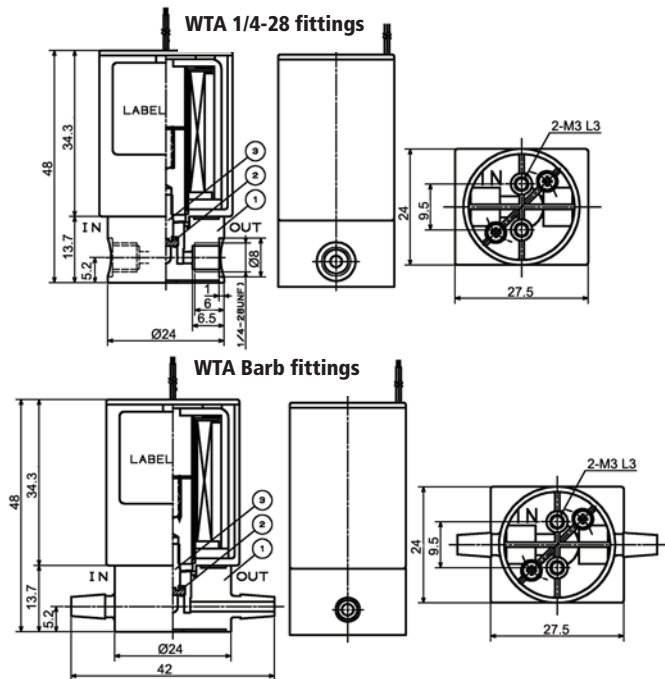
Rated Voltage- 12Vdc or 24Vdc
 Min. Operating Voltage- 90% of rated voltage
 Drop Out Voltage- 10% of rated voltage
 Power Consumption- 2.8 Watts
 Coil Temp. Rise- Max 65°C from room temperature
 Orifice Diameter- 2mm (1.6 mm for PTFE Body)
 Operating Pressure-
 Inlet: -700mmHg to 2.0 bar (-27.6" Hg to 29 psi)
 Outlet: 1.0 bar (14.5 psi)
 Media Temperature Range- 5-50°C (41-122°F)
 Weight- 81 grams
 Insulation Class- Class E
 Leads: IRRAX coated, AWG 26, L500 mm
 Insulation Resistance- 50 Mohm at 500 Vdc
 Dielectric Strength- 1000 Vac/1 minute
 Port Connection- 1/4-28 threaded, 3 mm or 4 mm barb
 Valve Body Material- PEEK or PPS (PTFE optional, consult factory)
 Isolating Diaphragm Material- PTFE
 Valve Seat Soft Seal Material- Dai-el Perfluor or FPM

ORDERING INFORMATION**SELECT MODEL NUMBER AND VOLTAGE (AB)**

Model Number		Body Material	Connection	Orifice Sizes	Seal
A Model	B Voltage				
WTA-2R-1/4UF	12V=12VDC 24V=24VDC	PPS	1/4-28UNF	2 mm	FPM
WTA-2K-1/4UG		PEEK	1/4-28UNF	2 mm	Perfluor
WTA-2R-1/4UG		PPS	1/4-28UNF	2 mm	Perfluor
WTA-2R-N3F		PPS	3 mm Barb	2 mm	FPM
WTA-2K-N3G		PEEK	3 mm Barb	2 mm	Perfluor
WTA-2R-N3G		PPS	3 mm Barb	2 mm	Perfluor
WTA-2R-N4F		PPS	4 mm Barb	2 mm	FPM
WTA-2K-N4G		PEEK	4 mm Barb	2 mm	Perfluor
WTA-2R-N4G		PPS	4 mm Barb	2 mm	Perfluor



Series WTA Optional PTFE, PPS & PEEK Body, Threaded & Barb

DIMENSIONS (MM)

- 1) Valve Body
- 2) Soft Seal
- 3) Isolation Diaphragm