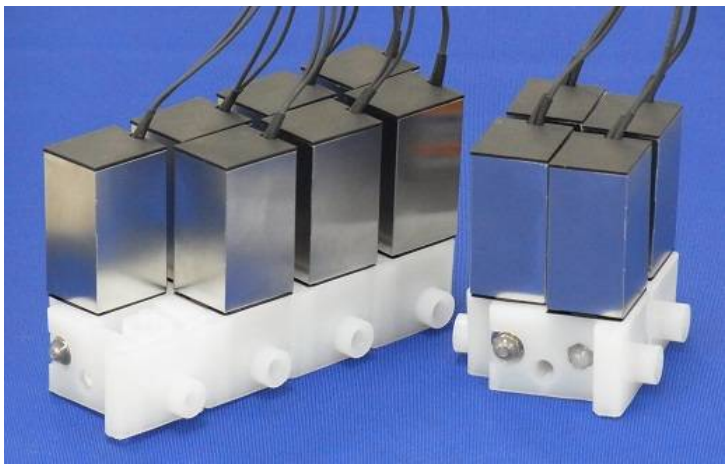
TAKASAGO ELECTRIC, INC.

SOLENOID VALVE

# Moulded Manifold Valve XTA-2E Series



## Flexibly Joinable Stations

## Features

- Each basic block holds a pair of 2-way valves. Up to 6 blocks can be flexibly joined together to give a maximum of 12 stations. This manifold provides both a cost reduction and a flexible configuration that cannot be achieved by conventional moulded manifolds.
- A 2-row construction enables a shorter length of manifold and common channel, which contributes to a small internal volume and easy arrangement on an instrument.
- The extremely inert material ETFE (fluorocarbon polymer) is used for the block.
- A choice of diaphragm material is available: PTFE for the highest chemical compatibility or FPM/EPDM for cost saving.
- In addition to M6 and 1/4-28UNF threads, the special option of the Push-in Fitting is also available for the port connection, which allows quick connection by just inserting the tubing.

## Specifications

| | |
|---|---|
| Type | 2-Way Normally Closed |
| Orifice Diameter | 1.6 mm |
| Number of Valves | 3 to 12 |
| Port Connection | M6, 1/4-28UNF, Push-in Fitting* (Option) |
| Operating Pressure | IN: -90 to 200 kPa OUT: 0 to 50 kPa |
| Media / Ambient Temp. Range | 5 ~ 50°C |
| Rated Voltage | 12 VDC, 24 VDC |
| Power Consumption | 2.8 W x number of valves |
| Duty Cycle | Continuous |
| Wetted Materials* | PTFE diaphragm model: ETFE, PTFE and Perfluoroelastomer<br>Elastomer diaphragm model: ETFE and FPM (Optionally EPDM) |

*The Push-in Fitting uses PPS for the body and FPM for the inside sealing

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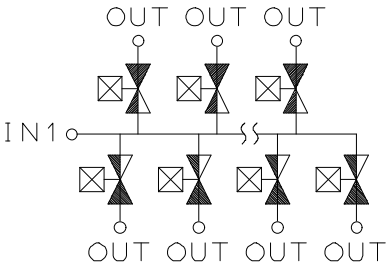
## Configurable Flow Schematics

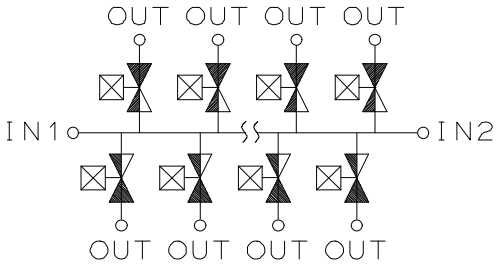
There are 3 schematics given by the number of IN ports that directly connect to the common channel located in the center of the manifold.

**<1 x IN port>**

*IN port location can be selected from right or left side when the number of stations is odd.

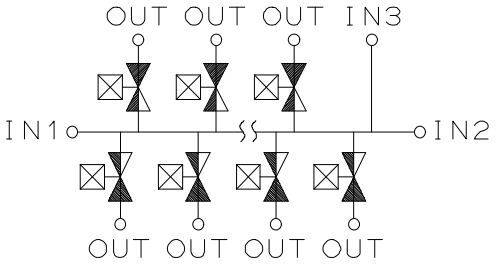



**<2 x IN ports>**

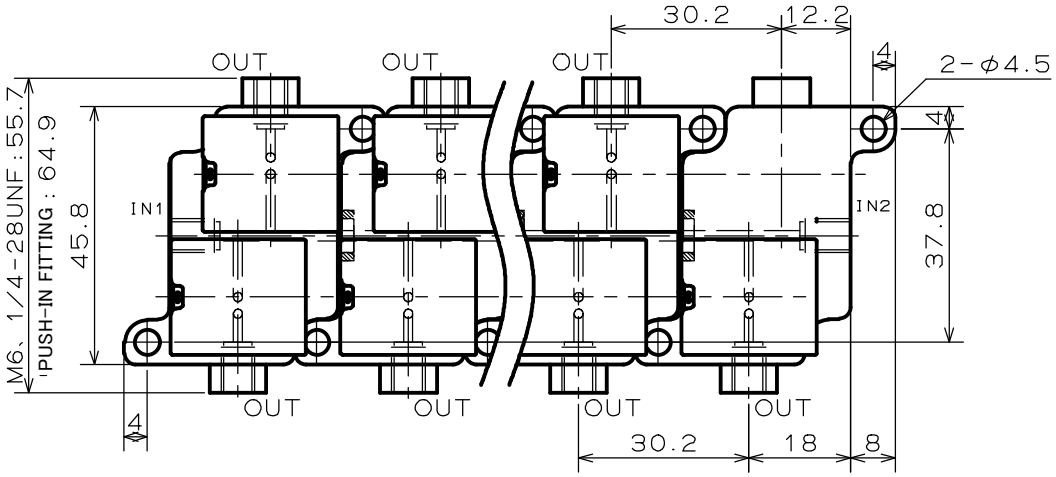



**<3 x IN ports>**

*Only applicable when the number of stations is odd.

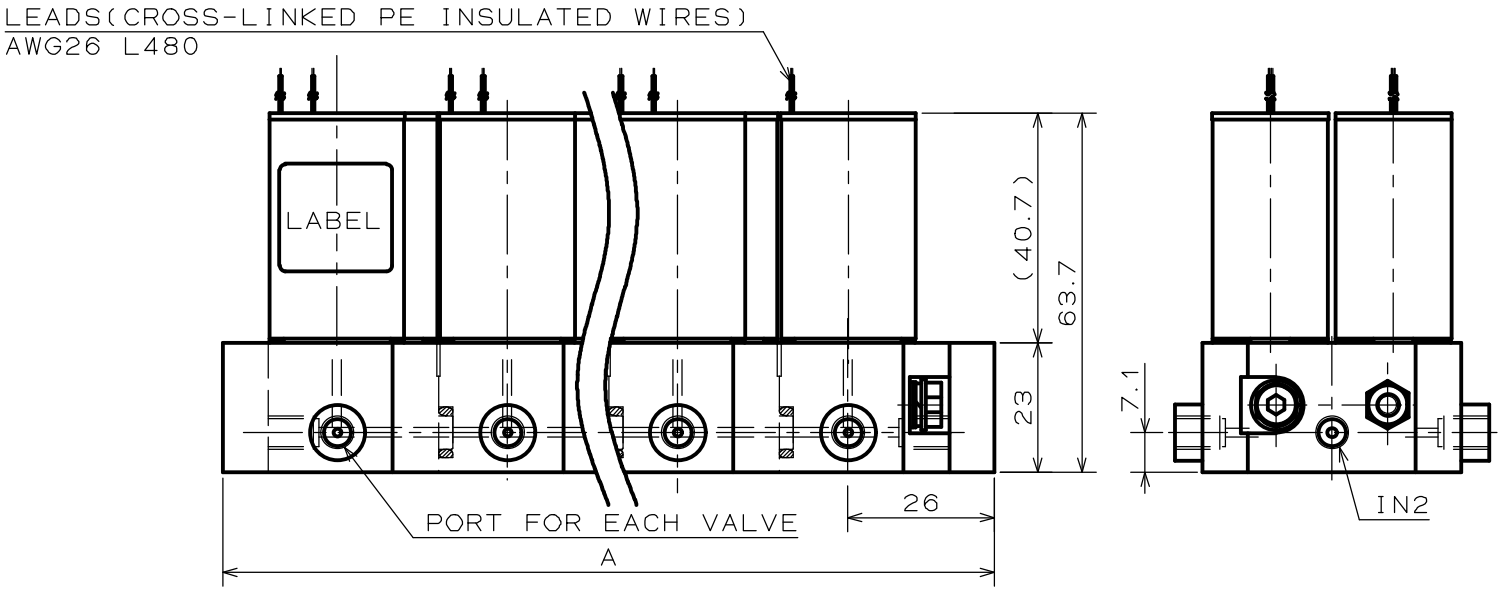



## Dimensions




A DETAILS

| NO. OF VALVES | A DIMENTIONS |
|---|---|
| 3、4 | 76.4 |
| 5、6 | 106.6 |
| 7、8 | 136.8 |
| 9、10 | 167.0 |
| 11、12 | 197.2 |




Note: Details including specifications may change without notification.