

Air Operated Valve Diaphragm Type with Indicator

LVA400-04N-4-X2

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Feature 1: Diaphragm type of High Purity Chemical Valve 4-position 3-port air operated valve

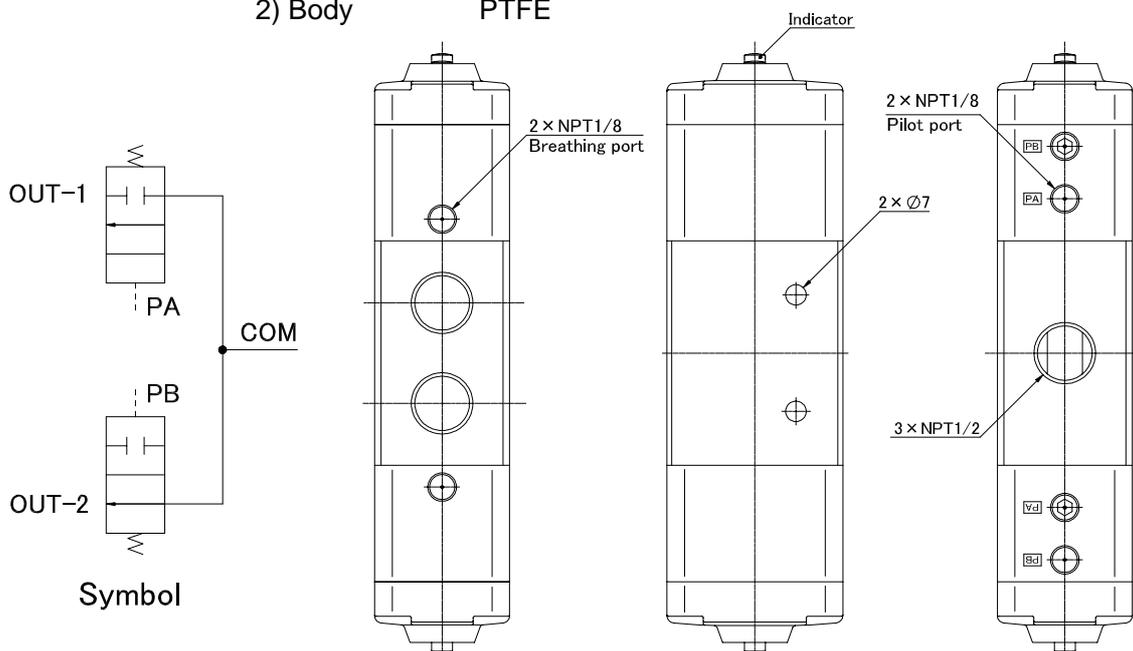
Combination of 2 units of 2-port valve for common pressure port COM
(Refer to symbol).

Feature 2: With indicator

Feature 3: Port size (NPT1/2)

Feature 4: Materials used for wetted parts (*1)

- 1) Diaphragm PTFE
- 2) Body PTFE



*1) Chemical resistance of materials used for wetted parts

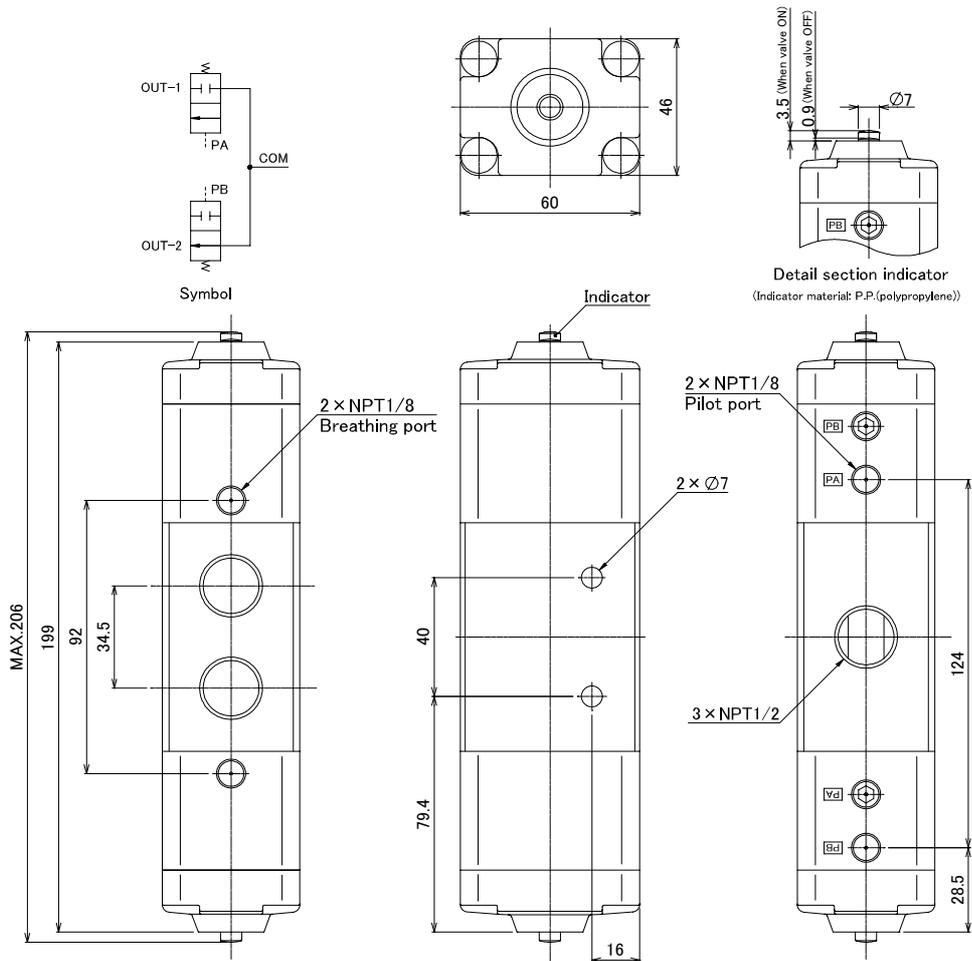
For compatibility of body/diaphragm materials with fluid, refer to "Applicable Fluids" in our "Series LV (High Purity Chemical Valve)" catalog (CAT.ES70-16B).

 **Warning:** Since the products specified here are used in various operating conditions, their compatibility for the specific system must be based on specifications or after analysis and/or tests to meet your specific requirements.
The expected performance and safety assurance will be the responsibility of the person who has determined the compatibility of the system.

Specifications

Operation pressure (COM→OUT1/OUT2)		0 to 0.5MPa
Proof pressure		1MPa
Pilot pressure		0.3 to 0.5MPa
Back pressure		0.3MPa or less
Valve type		N.C. type
Valve leakage		0cm ³ /min (With water pressure)
Fluid		Deionized water, Chemical fluid, Inert gas (Limit fluids to those that are non-corrosive to wetted parts materials)
Orifice diameter		Ø12mm
Flow characteristics $A_v \times 10^{-6}m^2$ (Cv)		79.2 (3.3)
Fluid temperature range		0 to 100°C
Ambient temperature range		0 to 60°C
Materials used for wetted parts	Diaphragm	PTFE
	Body	PTFE
Port size	COM	NPT1/2
	OUT-1	
	OUT-2	
Pilot port size		NPT1/8

Dimensions: mm



(Refer to the note on the following page.)

Note: This product is assembled and packaged in a clean room in the same way as standard product of Series LV. Refer to “Series LV Quality Process Diagram” in “High Purity Chemical Valve” catalog (CAT.ES70-16B) for details.



Caution To ensure the safest possible operation of this product, please be sure to read thoroughly the “Safety Instructions” in our “Series LV (High Purity Chemical Valve)” catalog before use.

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