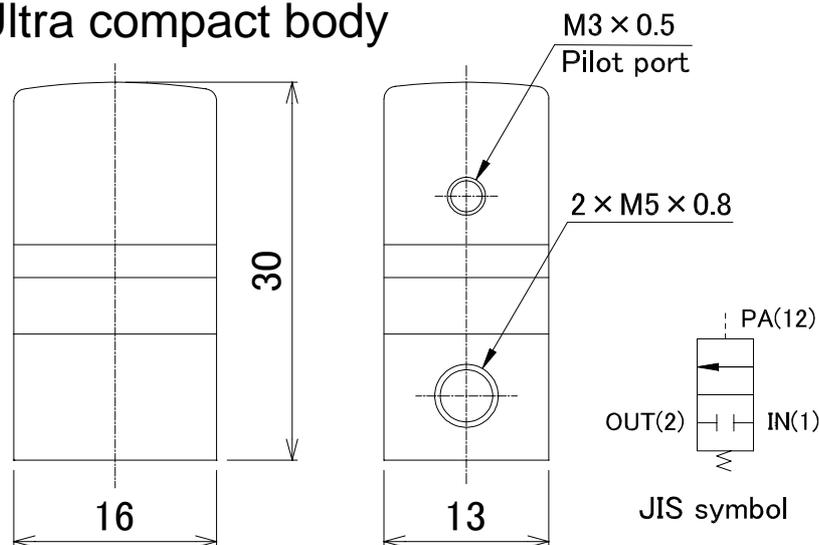


2 Port Air Operated Valve Diaphragm Type

LVMA11-M5-X1

SMC CORPORATION
1-16-4 Shimbashi, Minato-ku
Tokyo 105-0004, JAPAN
URL: <http://www.smcworld.com>

Feature 1: Ultra compact body



Feature 2: Diaphragm type, 2-port air operated valve for special fluid

Feature 3: Low vacuum specifications (*1)

Operating pressure: -5kPa to 0.5MPa

*1) Do not use this product for vacuum holding.

Feature 4: Materials used for wetted parts (*2)

- 1) Diaphragm → FKM
- 2) Body → SUS316

*2) 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).

Also, before using, please inspect, validate, and verify if the fluid contact part of this product (LVMA11-M5-X1) is suitable for the fluid you are going to use, then decide whether or not it is to be used.



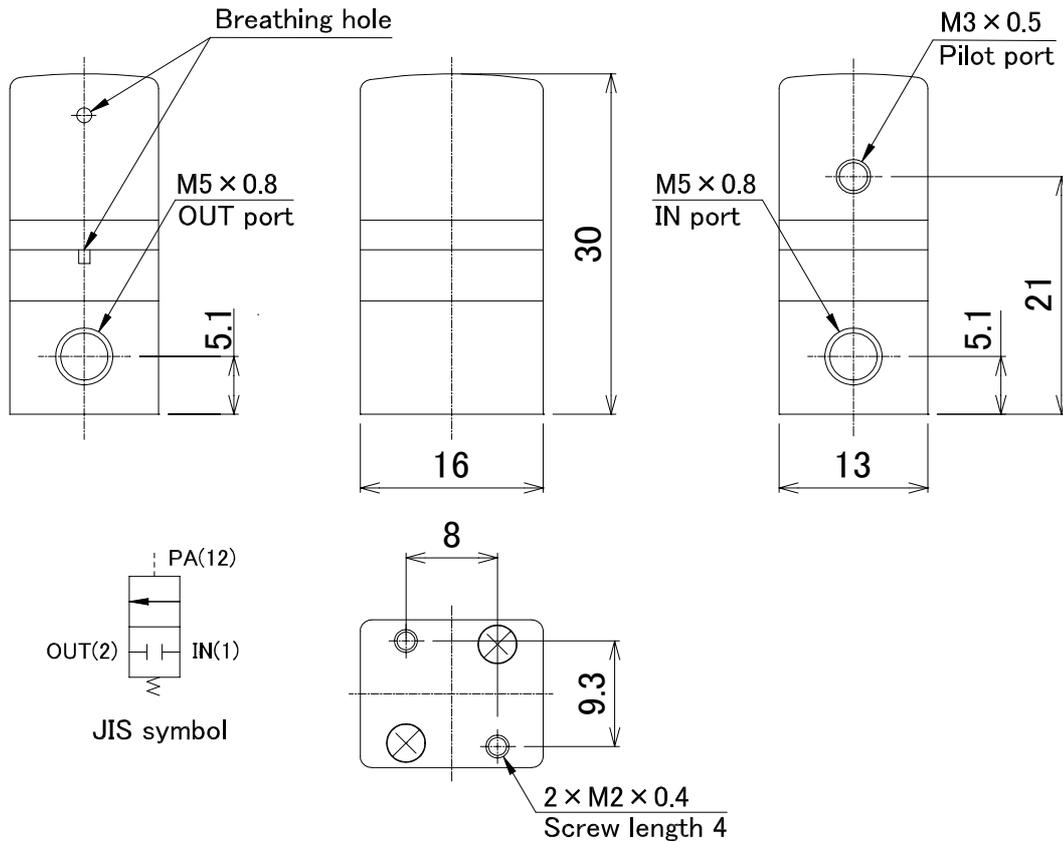
Warning: Since the products specified here are used in various operating conditions, their compatibility for the specific system must be based on specifications or after analysis and/or tests to meet your specific requirements.

The expected performance and safety assurance will be the responsibility of the person who has determined the compatibility of the system.

Specifications

Operation pressure (IN→OUT)	-5kPa to 0.5MPa	
Proof pressure	0.7MPa	
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 0.5MPa)	
Fluid	Limit fluids to those that are non-corrosive to wetted parts materials	
Orifice diameter	Ø1.5mm	
Flow characteristics $A_v \times 10^{-6} \text{m}^2 \text{ (Cv)}$	0.96 (0.04)	
Fluid temperature range	0 to 50°C	
Ambient temperature range	0 to 50°C	
Materials used for wetted parts	Diaphragm	FKM
	Body	SUS316
Port size	M5	
Pilot port size	M3	
Weight	0.025kg	

Dimensions: mm



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.