

Multidial Type Precision Needle Valve (Ideal for restriction of flows by dial control operation)

# MODEL 2412M SERIES

This is an enhanced model of the KOFLOC Precision Needle Valve Model 2412 (see page 102), which now incorporates a multidial that allows the user to set desired flow rates by dial operations. This valve makes the most of the rotation-to-flow linearity and repeatability performance of the 2412 needle.

## Features

- Since a precision needle valve usually has superior flow characteristics and repeatability, it can be used in place of a needle valve flowmeter.
- Wide variations are available for both the needle valve (Type T, Type L, and so on) and the multidial (Standard Type, Round Type, and so on).

Note: No scale calibration is required for the multidial.

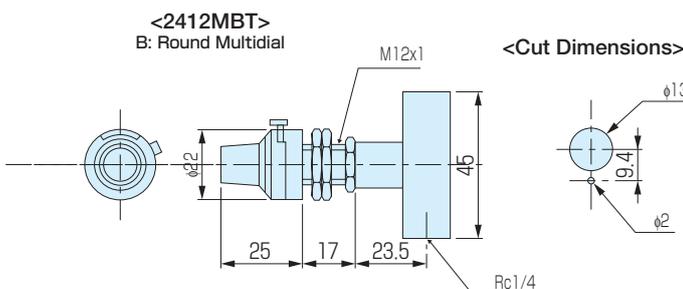
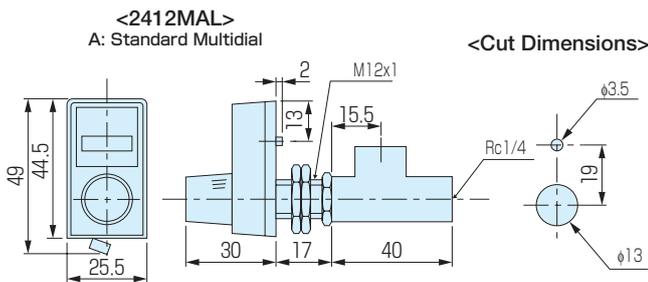
## Applications

- Detection of deteriorated filters
- Substitute for a flowmeter
- Detection of fluctuations of flow path resistance

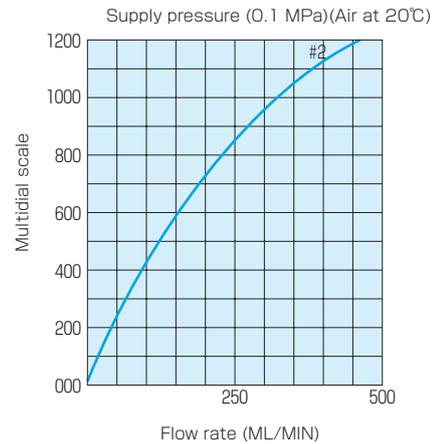
## Standard Specifications

Regulating screw rotating speed	Multidial: 10 turns (Overscale possible) Needle valve: Approx. 12 turns
Multidial scale	3-digit setting (000-999)
Multidial type	A: Standard multidial B: Round multidial
Fluids	Gases and liquids
Connection end	Rc1/4; Rc1/8 (Optional)
Rated flow ranges	See Table of Rated Flow Ranges for Model 2412 on page 87.

## Dimensions



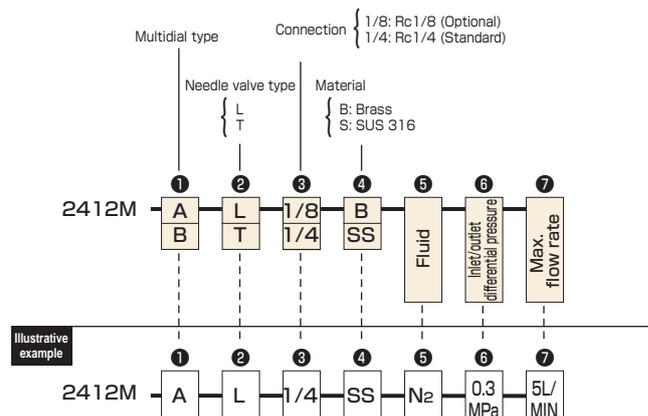
## Example of Characteristic Curve



## Notes:

- For flow rating, please see Table of Rated Flow Ranges for Model 2412 on page 86.
- You may specify the fluid and pressure flow of your equipment for our selection of the type that most suits your requirements.
- For information on available connection end types other than standard ones.
- The 2412M valve opens when it turns in the direction reverse to the 2412.

## Ordering



\* Refer to "Ordering" and "Illustrative example" when placing an order or requesting a quotation. Fill in the blanks in the "Order/Quotation Request Card" at the end of the catalog, and send the card by fax.