



Purge Flowmeter with Needle Valve (for Scientific Instrumentation System)

MODEL RK1650 SERIES

This is a completely renewed model of existing KOFLOC RK1600R with sophisticated design to fit sophisticated laboratory or plant equipment.

Features

- **Compact**
A compact flowmeter with variations of total length of 84 mm, 104 mm, 124 mm and 154 mm for choice according to the user's needs
- **Low pressure loss**
Pressure loss minimized to allow applications for low supply pressure
- **Choice of needle valve to suit the user's needs**
Four types of needle valve available for your choice according to the requirement of supply pressure
- **Superior stability**
All tubes are precision-formed to provide the float with outstanding repeatability and stability.
- **Economical**
A flowmeter at quite affordable price achieved through our all-out effort at streamlined design

Applications

- For environmental instrumentation systems
- For general instruments for analysis
- For purge systems
- For semiconductor manufacturing equipment

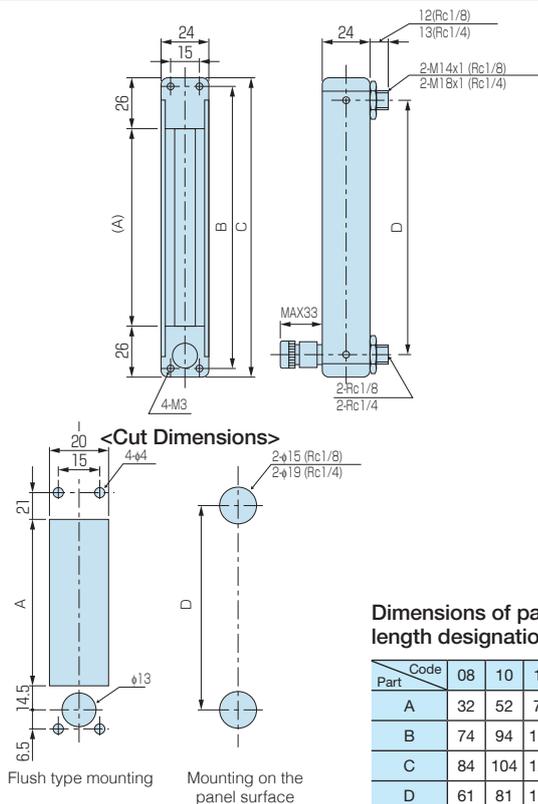


Standard Specifications

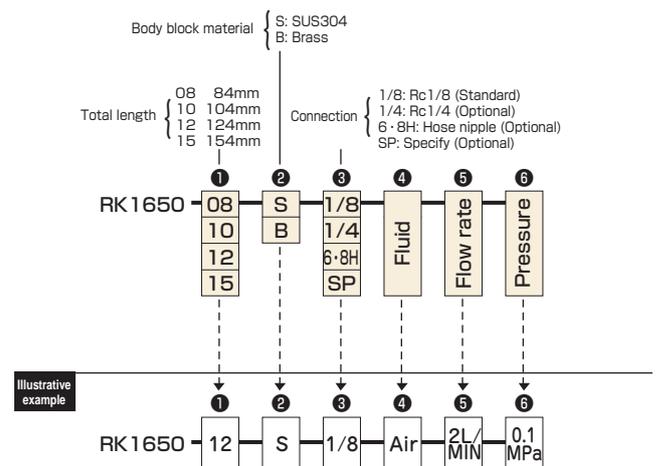
Fluids	Air, N ₂ , O ₂ , H ₂ , He, Ar, and CO ₂ (Calibration by actual gas) For other gases, consultation is necessary regarding whether conversion conditions or calibration by actual gas is to be used.
Flow range (Full scale)	1L, 2L, 3L, 5L, 10L, 15L, 20L/MIN
Accuracy	FS±5% (Measurement point)
Proof pressure	0.8 MPa for 5 L/MIN or less 0.5 MPa for 10 L/MIN or more
Available scale	10:1

Materials	S	BS
Body block and some other components	SUS304, SUS303	Brass
Tapered tube	Pyrex [®] , glass	
Packing	FKM	NBR
Float	Pyrex, SUS316, glass	
Protective cover	Acrylic resin	
(Temperature resistance)	MAX60°C	
Connection	Rc1/8 (Standard); Rc1/4 (Optional)	

Dimensions



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.