

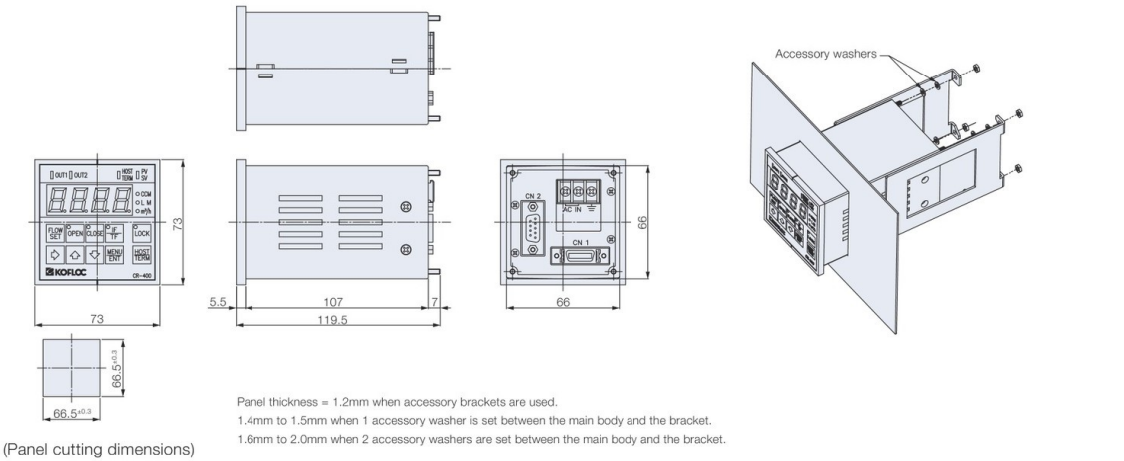
Compact Readout Unit

MODEL CR-400B

- Power supply combining flow rate setting and display for mass flow controller / mass flow meter
- Capable of using various functions by operating the display (Instantaneous / integrated flow rate display, alarm setting, valve open / close of mass flow controller, etc.)
- External operation allowed by RS485 communication function and analog input / output of 0 to 5VDC



Dimensions

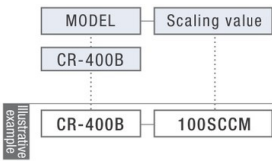


Standard Specifications

MODEL	CR-400B
Control function	Flow setting, forced valve open / close operation and zero cut
Flow rate input / output signal	0 to 5VDC
Power output	±15VDC (300mA)
Display	4-digit 7-segment LED (4 digits for instantaneous flow rate, 8 digits for integrated flow rate (upper and lower 4 digits shown alternately))
Display accuracy	Instantaneous flow rate: within ±0.1% F.S., ±1 digit
Electrical connection	D-sub 9 pins, female (on MF main body side) D-sub half pitch, 20 pins, female (external control)
Event output	2 stages (select from among upper-limit, lower-limit, upper and lower-limit instantaneous flow rates, and arrival of integrated flow rate) Open collector output (max. rating: 50V, 50mA)
Digital communication	RS485
Power consumption	Approx. 25W
Input voltage (frequency)	85 to 264VAC (48 to 440Hz)
Power cable	Approx. 3m
Weight	Approx. 400g

* The flow rate setting function is valid only for the mass flow controller.

Ordering



* See Page 46 for the mass flow controller / mass flow meter connection cables CP-STD1 and CP-STD5, and the external cable CP-STD6.
* The old models of mass flow controllers / mass flow meters may not operate properly, or their specific functions may fail.