

# Highly accurate With Silicon Resonant Sensor $\pm 0.05\%$

Pneumatic Pressure Standard

# MC100



- High accuracy  $\pm(0.05\%$  of full scale)    ● Excellent stability provided by silicon resonant sensor
- Temperature coefficient:  $\pm 0.002\%$  of full scale /  $^{\circ}\text{C}$  (span)
- Divided output function with as many as 20 steps    ● Auto-step output function
- Sweep output function    ● Offset monitor function to present deviation from final value



## Model and suffix codes

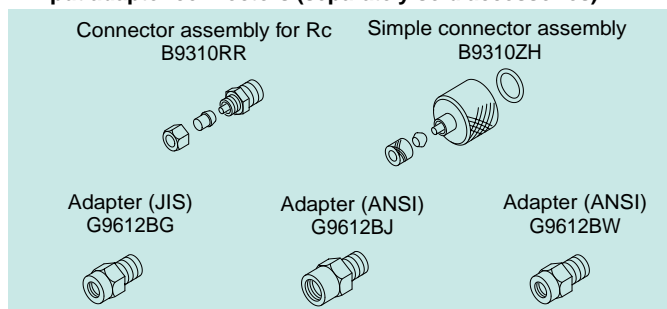
### ■ Main unit

Model	Suffix code	Description
767401	—	Pneumatic pressure Standard (25 kPa range model)
767402	—	Pneumatic pressure Standard (200 kPa range model)
Pressure unit	-U1	kPa
	-U2	kPa, kgf/cm <sup>2</sup> , mmH <sub>2</sub> O, mmHg
	-U3	kPa, inH <sub>2</sub> O, inHg, psi
Communication function	-C1	GP-IB interface
	-C2	RS-232 interface
I/O connection unit	-P1	Rc 1/4
	-P2	1/4 NPT female screw
Power cord	-D	UL/CSA standard
	-F	VDE standard
	-R	SAA standard
	-Q	BS standard

### ■ Accessories (sold separately)

Product	Model	Suffix code	Description
Connector assembly kit	B9310RR	—	For $\phi 4 \times \phi 6$ vinyl pipe
Quick connector assembly	B9310ZH	—	For $\phi 4 \times \phi 6$ vinyl pipe
Adapter connector	G9612BG	—	JIS, R1/4-Rc1/8
Adapter connector	G9612BJ	—	ANSI, R1/4-1/4 NPT female screw
Adapter connector	G9612BW	—	ANSI, R1/4-1/8 NPT female screw

### ■ Input adapter connectors (separately sold accessories)



### ■ Contracted separately when required

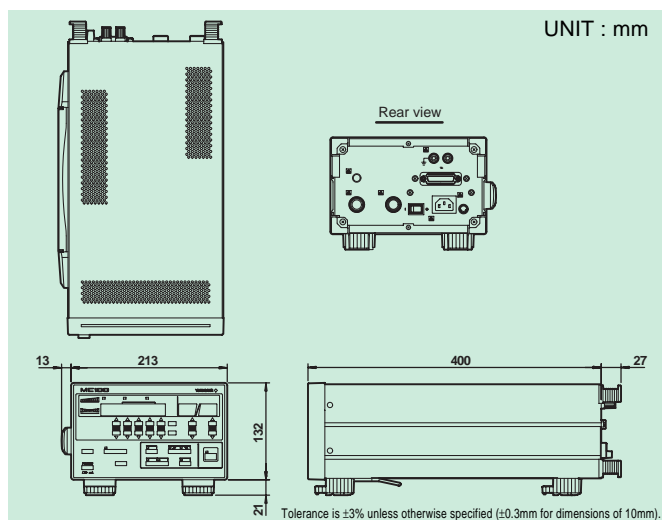
Item	Code number	Count
Test certificate	DOC TC	—
Instruction manual	DOC IM	One additional
Drawings	3984 03	Up to 5

#### NOTICE

- Before operating the product, read the instruction manual thoroughly for proper and safe operation.
- If this product is for use with a system requiring safeguards that directly involve personnel safety, please contact the Yokogawa sales offices.

# YOKOGAWA

## External dimensions



## Related products

### Mini Manometer MT10

- Highly reliable (uses silicon-resonant sensor)
- Compact
- Accurate  
±(0.04% of reading + 0.03% of full scale)  
(130 kPa model)
- Three ranges: 130 kPa, 700 kPa, 3000 kPa
- Simple to operate
- Data hold function
- RS-232C interface



### Compact CAL CA100

- High accuracy (DC voltage generation: ±0.02% of setting)
- DC voltage/current, thermocouple/RTD output, frequency generation and resistance generation functions
- Independent generation/measurement functions
- Compact size
- 24 VDC power supply function handy for maintenance of transmitters, etc.
- Sink & source function for current supply and absorption



### Digital Manometer MT100 series

- High accuracy: ±0.02% of rdg
- Full lineup available for measuring minute pressures (1 kPa) to very high pressures (3000 kPa)
- Can be powered by a 12 VDC power supply.
- GP-IB/RS-232-C interface
- The following two digital manometers are available: MT120 which has the DMM function (5 V/20 mA DC) and 24 V DC power supply; MT110 which has only pressure measurement functions.



Represented by :

MM-07E