## **Compact Manometer**

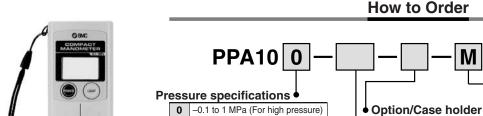
## Series PPA PPA100/101/102



G

GS

PPA



-101 to 10 kPa (For vacuum)

2 -10 to 100 kPa (For low pressure)

Unit specifications

With the unit switching function Fixed in SI unit Note) М

Note) Fixed unit

For vacuum/compound pressure: kPa For positive pressure: MPa

One-touch fitting type

None

With PPA-B

Nil

Symbol	Applicable tubing size	One-touch fitting	Applicable tubing material			
Nil	None	None	None			
04	ø4 (mm size)	KJH04-M5	Nylon Soft nylon Polyurethane			
06	ø6 (mm size)	KJH06-M5				

## **Specifications**

Model		<b>PPA100</b> for high press.	PPA101 for vacuum	PPA102 for low press.		
Rated pressure range		-0.1 to 1 MPa	-101 to 10 kPa	-10 to 100 kPa		
Display method		3 digit LCD back light				
Pressure display discrimination		1/100				
	kPa	_	1	1		
	MPa	0.01	_	_		
(1)	mmHg	_	5	_		
Mini. display units	kgf/cm <sup>2</sup>	0.1	0.01	0.01		
	inHg	_	0.2	_		
	psi	1	0.1	0.1		
	bar	0.1	0.01	0.01		
Error display		Over pressure, Memory data error, Change battery sign				
Function		Peak/bottom display, Backlight, Auto power OFF Zero clear, Units display switching				
Withstanding pressure		1.5 MPa	200 kPa	200 kPa		
Applicable fluid		Air, Non-corrosive gases, Nonflammable gas				
Power supply voltage		3 V (DC), Type AA dry cell x 2 pcs.				
Battery life		12 months continuous operation (Without backlighting, temperature conditions: at 25°C)				
Response speed		250 ms				
Display accuracy		±2% F.S. or less (Temperatue conditions: at 25°C) (2)				
Repeatability		±1% F.S. or less (Temperatue conditions: at 25°C)				
Temperature characteristics		±3% F.S. or less (0 to 50°C with 25°C standard)				
Connection port size		M5 x 0.8				
Operating temperature range		0 to 50°C (With no condensation)				
Operating humidity range		1				
Shock resistance		980 m/s <sup>2</sup> X, Y, Z directions, 3 times each (De-energized)				
Enclosure		IP40 (IEC standard)				
Mass		Approx. 100 g (Unit 50 g, batteries 50 g)				
Standard		CE/RoHS compliant				
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<sup>\* 2</sup> pcs. of type AA dry batteries (manganese R6 or alkaline LR6) are not included.

Note 1) For the unit switching function (Types without the unit switching function is fixed in SI unit (kPa or MPa).)

Note 2) In regards to the compatibility condition of the EMC directives, the pressure display value variation is ±15% F.S.

