

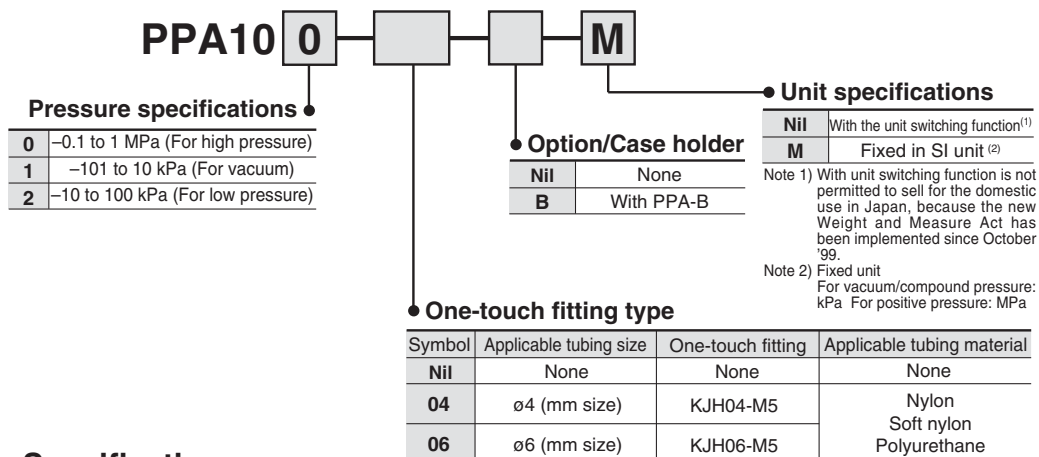
Compact Manometer

Series PPA

PPA100/101/102



How to Order



Specifications

Model		PPA100 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
Pressure display		3 digit LCD back light		
Pressure display discrimination		1/100		
Mini. display units ^{Note)}	kPa	—	1	1
	MPa	0.01	—	—
	mmHg	—	5	—
	kgf/cm ²	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
Fluid		Air, Non-corrosive gases		
Power supply		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 (Temperature conditions: at 25°C)		
Repeatability		±1% F.S. or less (Temperature conditions: at 25°C)		
Temperature characteristics		±3% F.S. or less (0 to 50°C with 25°C standard)		
Piping port		M5 x 0.8		
Ambient operating temperature		0 to 50°C (With no condensation)		
Ambient operating humidity		35 to 85% RH (With no condensation)		
Shock resistance		980 m/s ² X, Y, Z directions, 3 times each		
Enclosure		IP40 (IEC standard)		
Weight		Approx. 100 g (Unit 50 g, batteries 50 g)		

* 2 pcs. of type AA dry batteries (manganese R6 or alkaline LR6) are not included.

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