

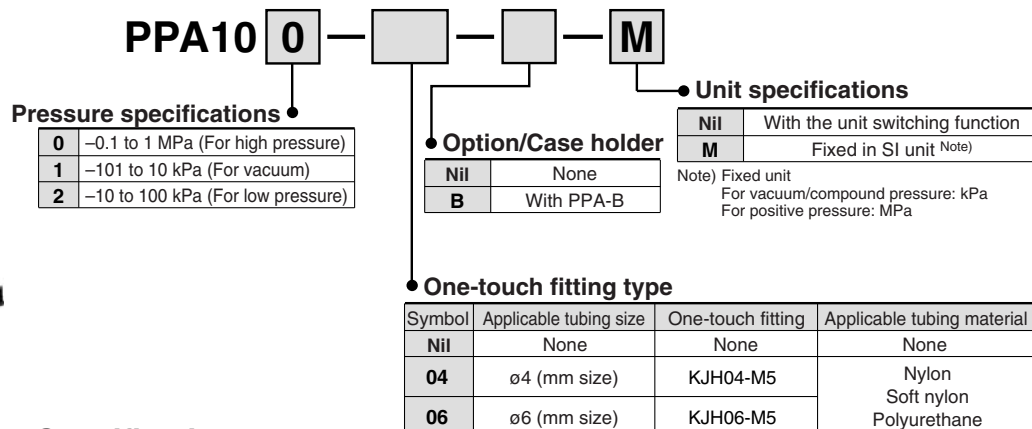
Compact Manometer

Series *PPA*

PPA100/101/102



How to Order



G

GS

PPA

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 |
| Display method | | 3 digit LCD back light | | |
| Pressure display discrimination | | 1/100 | | |
| Mini. display units ⁽¹⁾ | 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 |
| 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 (Temperature conditions: at 25°C) ⁽²⁾ | | |
| 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) | | |
| Connection port size | | M5 x 0.8 | | |
| Operating temperature range | | 0 to 50°C (With no condensation) | | |
| Operating humidity range | | 35 to 85% RH (With no condensation) | | |
| Shock resistance | | 980 m/s ² 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 | | |

* 2 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. or less.