



Features

- Pressure unit on display
- Battery powered
- Accurate digital display with wide viewing angle
- 4 user programmable pressure units available
- Power saving mode
- Back light option
- IP65 enclosure, dust and splash-proof
- 5 units / pack

Patented



SPECIFICATIONS

| TYPE | (Vacuum) | | (Positive) | |
|----------------------------|--|--|---|----------------------|
| | AP60V | AP60VL | AP60P | AP60PL |
| 1.0 MPa |  | |  | |
| 0 | | | | |
| -101 kPa | | | | |
| Rated pressure range | 0 ~ -101 kPa (-14.7 ~ 0.0 psi) | | 0.000 ~ 1.000 MPa (0.0 ~ 145.0 psi) | |
| Display pressure range | 10 ~ -101 kPa (-14.7 ~ 1.5 psi) | | -0.100 ~ 1.000 MPa(*1) (-14.7 ~ 145.0 psi) | |
| Withstand pressure | 300 kPa (43.5 psi) | | 1.5 MPa (217.6 psi) | |
| Applicable fluid | Filtered air, incombustible and non-corrosive gases | | | |
| Pressure resolution | kPa | 1 | - | |
| | MPa | - | 0.001 | |
| | kgf/cm ² | - | 0.01 | |
| | bar | 0.01 | 0.01 | |
| | psi | 0.1 | 0.1 | |
| mmHg | 1 | - | | |
| Battery | CR 2032 lithium | | | |
| Back light | No | Yes | No | Yes |
| Battery life | 3 years (5 times/day) | 1 year (5 times/day) | 3 years (5 times/day) | 1 year (5 times/day) |
| Low-power indicator | Yes | | | |
| Battery replaceable | Yes | | | |
| Turn-on interval | Display turn off after 60 sec. | | | |
| Sampling rate | 2 Hz (2 times/sec.) | | | |
| Programmable pressure unit | psi, bar, mmHg and kPa user selectable | | psi, bar, kgf/cm ² and MPa user selectable | |
| Repeatability | ±1% F.S. ±1digit | | ±0.2% F.S. ±1digit | |
| LCD display | 3½ digit, 7 segment | | | |
| Indicator accuracy | ±2% F.S. ±1 digit (ambient temperature: 25 ±3 °C) | | | |
| Environment | Enclosure | IP 65(*1) | | |
| | Ambient temp. range | Operation: 0 ~ 50 °C, storage: -10 ~ 60 °C (No condensation or freezing) | | |
| | Ambient humidity range | Operation/Storage: 35 ~ 85% RH (No condensation) | | |
| | Vibration | Total amplitude 1.5mm or 10G, 10Hz-55Hz-10Hz scan for 1 minute, two hours each direction of X, Y and Z | | |
| Shock | 100m/s ² (10G), 3 times each in direction of X, Y and Z | | | |
| Temperature characteristic | ±2% F.S. of detected pressure (25 °C) at temp. range of 0~50 °C | | | |
| Port size | F1:R1/8", M5; F2:NPT1/8"NPT, #10-32 UNF; F3:G1/8"(BSPP), M5; F4:R1/4", M5; F5:NPT1/4", #10-32 UNF; F6:G1/4"(BSPP), M5 | | | |
| Weight | Approx. 40g | | | |

[NOTE] *1. When the pressure is -0.1 MPa, LCD displays  MPa.
*2. Air tube must be installed to maintain IP65.

Units conversion: 1 MPa = 14.5 psi = 10 bar, 1 kPa = 0.145 psi = 0.2953 inHg = 10mbar, LCD displays

PANEL DESCRIPTION

