

■ Overview

The VM281 Digital Pressure Gauge, using a special ASIC circuit and sensor design, no mechanical moving components, battery-powered, reading directly from the LCD display, thus it has a long life, easy to use, inexpensive, widely used on-site pressure indicator, such as pipeline networks, machinery and equipment and so on. In most cases, you can replace the pointer pressure gauge, this is upgrading new products. Two options, M281A (mainly used in high-pressure measurement display) and VM281B (mainly used in low and negative pressure measurements display)

The VM281 Digital pressure Gauge is widely used in the fields of Air conditioning and refrigeration, hydraulic machines, pneumatic equipment, pipeline network, powerhouse etc.

■ Features

- Wide measuring range, a wide range of applications
- Quantity of Pressure display units and can be switched each other
- LCD display reading
- Two working modes: power-saving mode and standard mode
- Two measuring modes: continuous measurement and peak detection
- The decimal point can be moved, to facilitate the needs of different scale
- Battery power supply, low power consumption
- Low battery indication



■ Specifications

Measuring Range	-100Kpa ~ 0 ~ 300Mpa
Accuracy	0.5%FS
Displayer	5 digit LCD screen (48x16mm)
Units	Mpa, Kpa, bar, psi, kg/cm ²
Limited pressure	200%FS
Damaged pressure	300%FS
Drift	Temperature drift: $\pm 0.025\%FS/^\circ C$ Time drift: $<0.5\%FS/year$
Operation temperature	-20 $^\circ C$ ~50 $^\circ C$, $\leq 85\%RH$
Storage temperature	-40 $^\circ C$ ~75 $^\circ C$, $\leq 95\%RH$
Power supply	3Vdc
Housing	ABS plastic($\phi 66 \times H33mm$)
Mechanical connection	NPT 1/4, G1/4 or custom
Battery life	2 years(in power-saving mode)

VM281 Series

Order

Model	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Model	Measuring range	Units	Decimal point position	working modes	Measuring modes
VM281A	****	MPa, psi, bar, kgf/cm ²	2. hundred's place 3. thousand's place	0. power-saving	0. continuous measurement
VM281B		mH ₂ O, mbar, kpa	1.Ten's place 2.hundred's place	1.standard	1.peak detection

