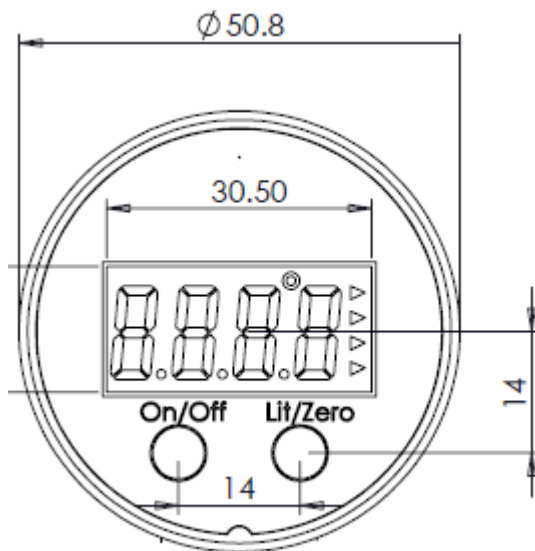


M20 Meter User Manual for gas



Specifications:

Power supply: Battery CR2450 (3.0V, 500 mAh)

Sampling rate: 1.2 sec max.

Battery life: 1 years for continuous use (typical)

Pressure range: 0~150 PSI

Burst pressure: 2x F.S.

Resolution: 0.1PSI , 0.01Bar , 1kPa , 0.01kg/cm²

Working compensated temperature range: -10°C~60°C

Accuracy: $\pm 1\%$ F.S (@22~28°C)

Brass port : R1/4

Measure fluid: Gas and liquid

Unit: PSI , Bar , kPa , kg/cm²

Working humidity: 35~85%

Auto-off: 10 minutes

Key Function:

ON/OFF (SW1): Start On/ OFF

Lit/ Zero (SW2) :Re-zero/ Back-light

Operation:

1. Press SW1 to select the unit.

2. Press and hold SW1 for 3 seconds to shut down the meter so that it may extend battery life.
3. If the meter is powered off, press SW1 to power on. It will show the current pressure after 1 second later.
4. Press and hold SW2 for 3 seconds. The display shows "8.8.8.8" for around 3 seconds and then the pressure of the meter will be reset to zero. Be careful not to re-zero as the meter is pressurized.
5. If the battery power is not enough ($<2.5V$), the LCD will show "Lob" for around 3 seconds and then be powered off automatically.
Even press SW1 again, the display will show "Lob" for around 3 seconds and then be powered off automatically. Please replace battery.
6. Press SW2 to start on the back-light for around 5 seconds.

Replace new battery

1. Loosen the 2 screws on the back of the meter.
2. Depart the top/ bottom case slightly and take off the CR2450 battery.
3. Replace new battery. Please watch out its polarity.
4. The display will show the current pressure if the installation is correct.
5. If no display on LCD, check the polarity of battery, or power voltage (up to 3V.)
6. Assemble the top/ bottom case if the display is normal. Be careful of assembling by using the raised point on the top case to align the fillister on the bottom case.

Notices:

1. Don't run the re-zeroed function as the meter is pressurized.
2. As the pressure is greater than 1PSI, the re-zeroed function is disabled to avoid mishandling action.
3. Please replace new battery before the first installation. We suggest that performing re-zero function in the atmosphere to reduce the error due to environmental pressure to improve the pressure accuracy.
4. Please be careful not to pull off the wire connected between the top and bottom case.