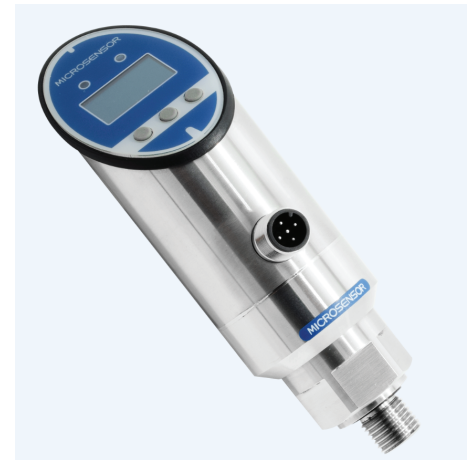


MPM5881 Pressure Switch

- Whole stainless steel housing, IP67 protection
- OLED, pressure and switch state display
- Compact, body rotate 320°
- Protections for over-voltage, over-current and reversed polarity
- Anti-electromagnetic design under complex electromagnetic environment
- Analog output (4mA ~ 20mA DC) +2-way PNP, 2-way PNP, 2-way NPN, 1 relay output for options.
- 24V DC, 220V AC power supply for options
- Restore factory settings, manually cleared
- Support unit switchover among MPa, kPa, psi, bar and mbar



Instruction

MPM5881 pressure switch is an intelligent pressure controller combining pressure measurement, display and control together. The sensor output signal is amplified, noise reduced and conditioning through a highly integrated microprocessor to realize accurate pressure measurement, display and control of the switching output. The product adopts whole stainless steel housing, the protection is IP67. The indicator can be freely rotated within 320°. The product's amplifier circuit has over-voltage, over current and reversed polarity protection. It can be used in complex electromagnetic environment of industrial sites. MPM5881 supports 24V DC or 220V AC power supply. It has diversified output options including analog output (4mA ~ 20mA DC) +2 way PNP, 2-way PNP, 2-way or one-way relay. Also it supports manually cleared and switchover of the measuring unit. OLED screen displays real-time pressure value and switch status. It is with flexible installation, easy operation and simple menu. MPM5881 is safe and stable, and it be widely used in industries such as water utilities, petrochemical, metallurgy, transport, electricity, machinery manufacturing etc.

Specification

Power supply: (220±44)V AC 12V~36V DC (recommend 24V DC for relay output)	Transistor output: 2-way PNP or 2-way NPN Switch current: ≤0.4A
Overpressure: 1.5 time FS	Analog output: 4mA~20mA DC; Load resistance: ≤560Ω
Range: -100kPa...0kPa~10kPa... 60MPa	Relay output: one-way (SPDT)
Pressure type: gauge, absolute	Switch voltage: ≤ 250VAC/30VDC
Accuracy: ±0.25%FS、 ±0.5%FS	Switch current: ≤ 3A
Screen display: OLED with resolution 128×32 white readings in black ground Solution	Relay life: 10,000,000 times/ min. load, 100,000 times/max. load
Display refresh time: 1s, 0.5s, 0.2s(default), 0.1s	Media temperature: -20℃~80℃