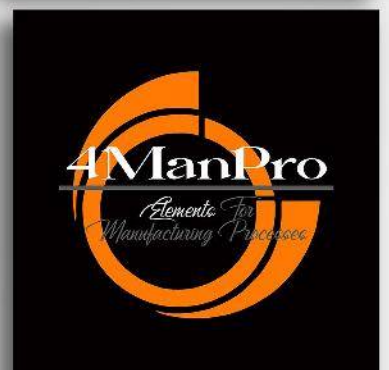




SJ MXE4



**DIGITAL
PRESSURE
SWITCH**

Digital Pressure Switch

Model: MXE4

Product Description

- Precisely set value to efficiently avoid incorrect signals from pointer vibration
- Easily set the pressure switch values on site
- Various operating voltage settings and switch contacts to support different applications



Product Specification

Nominal size

3", 4"

Scale ranges

0 ... 10 kPa to 0 ... 1000 MPa, or
other equivalent units of pressure,
vacuum or compound

Pressure units

3": MPa, kg/cm², kPa
4": MPa, kg/cm², kPa, psi

Accuracy

±1.0% F.S. (standard), ±0.5% F.S.

Process connection

304 SS
1/4" PT, G 1/4", G1/2", 1/4" NPT,
1/2" NPT, M14*1.5, M20*1.5

Case/Ring

304 SS

Ambient temperature

-10°C ... 60°C

Medium temperature

-35°C ... 60°C

Voltage supply

DC12V, DC24V, DC36V, AC110V,
AC220V, AC380V

Production Specification

Rated point capacity
DC32V/5A, AC250V/10A

Relay
Omron

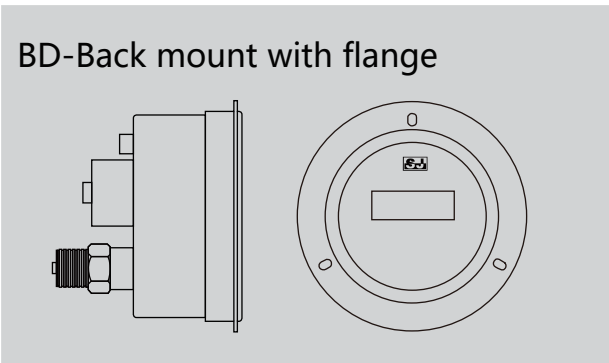
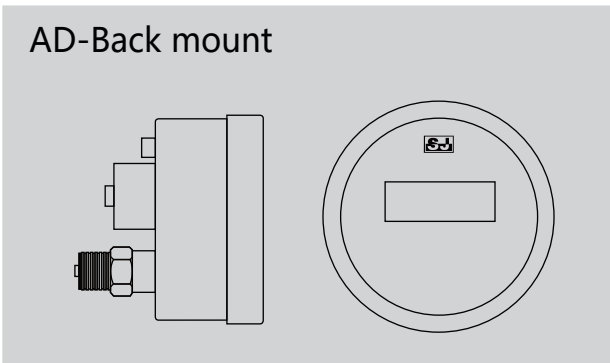
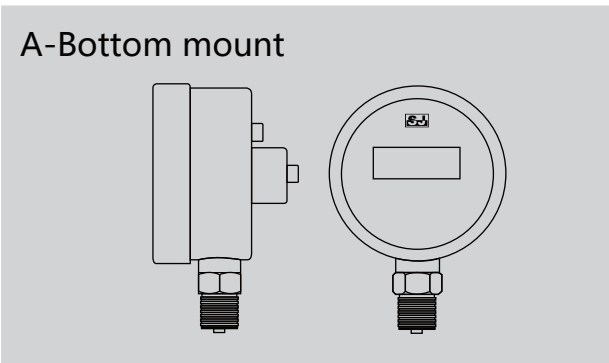
Starting current
0.5 A

Protection level
IP 40

Fuse
F3AL250V, 5*20, 3A

Relay \ Volt	DC24V	AC220V	AC380V
Single	35 mA	7.5 mA	5 mA
Double	50 mA	10 mA	7.5 mA

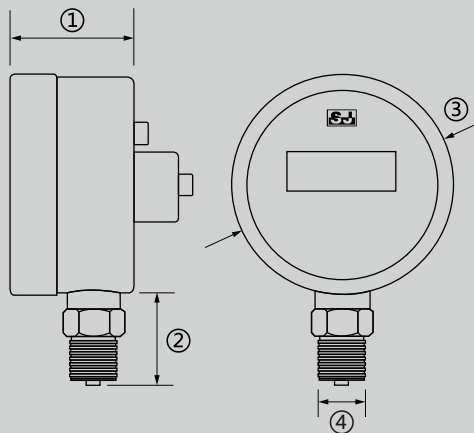
Connection Location



Connection location			
NS	A	AD	BD
3"	V	V	V
4"	V	V	V

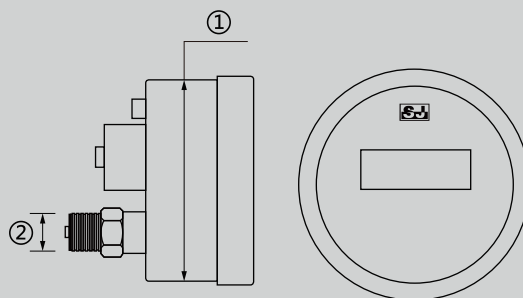
Dimensions

A-Bottom mount



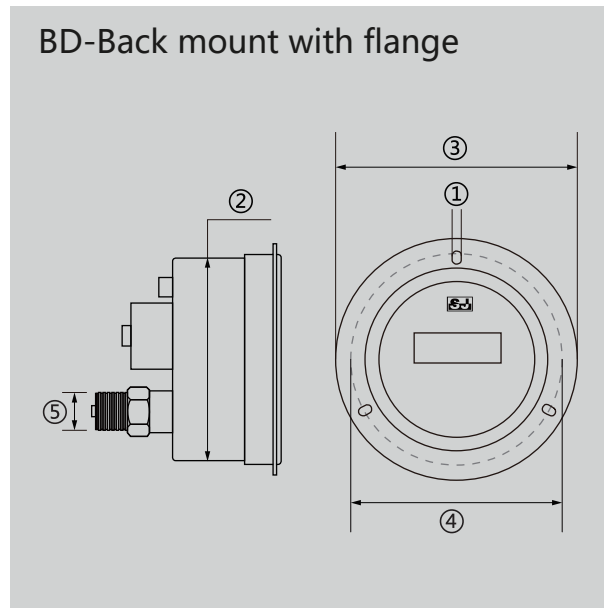
Dimension (mm)				
NS	①	②	③	④
3"	48	36.8	80.8	M14*1.5
4"	58	41	100	M20*1.5

AD-Back mount



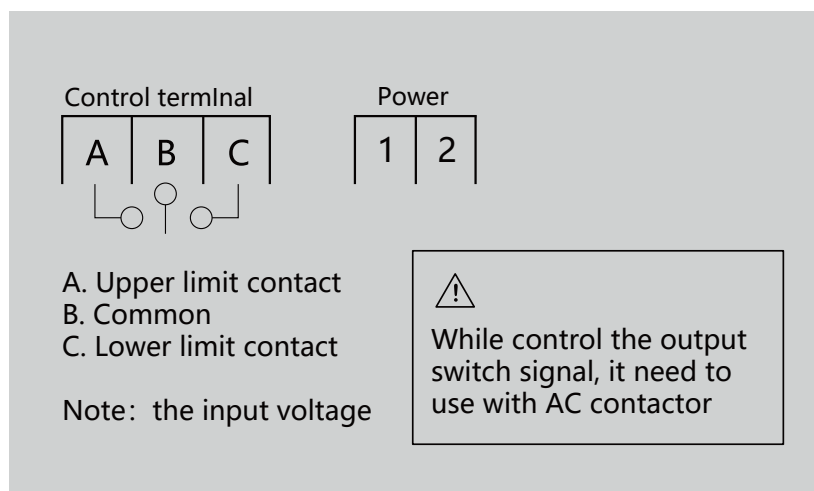
Dimension (mm)		
NS	①	②
3"	76	M14*1.5
4"	100	M20*1.5

Dimensions



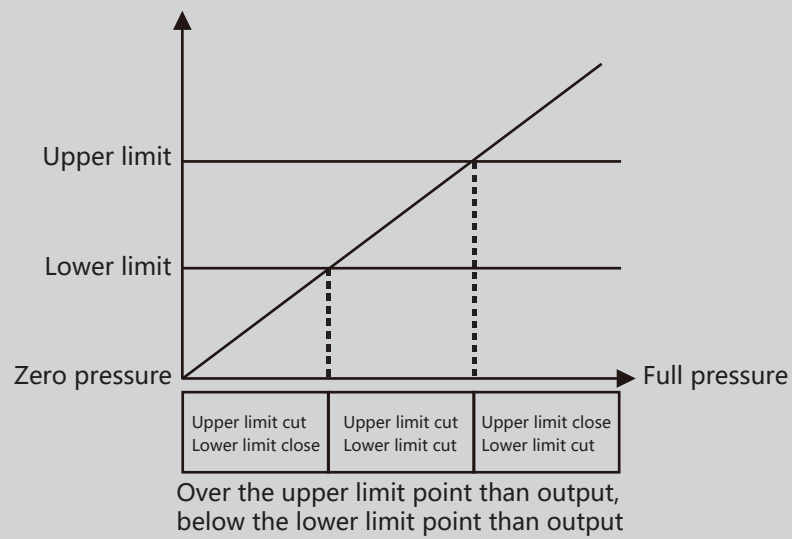
Dimension (mm)					
NS	①	②	③	④	⑤
3"	4.5	79	107	96.5	M14*1.5
4"	5	100	132.5	117	M20*1.5

Wiring Diagram

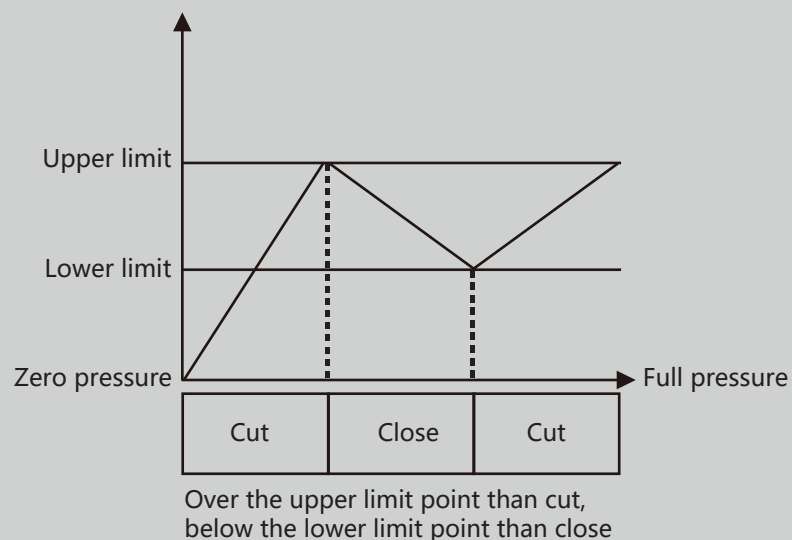


Control Function

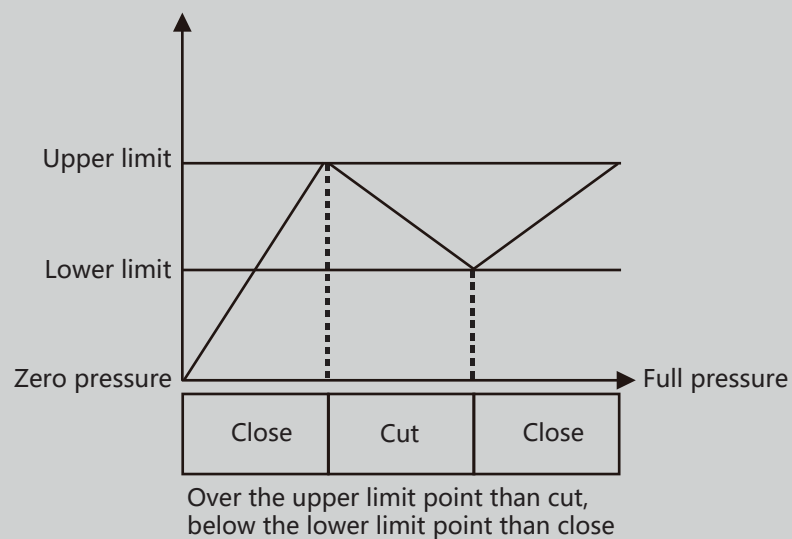
05 Electric contact (standard)



03 Anti-control



01 Positive control



✂ **Ordering information**

Model / Connection location / Nominal size / Scale range / Process connection /
Voltage supply / Control functions / Options

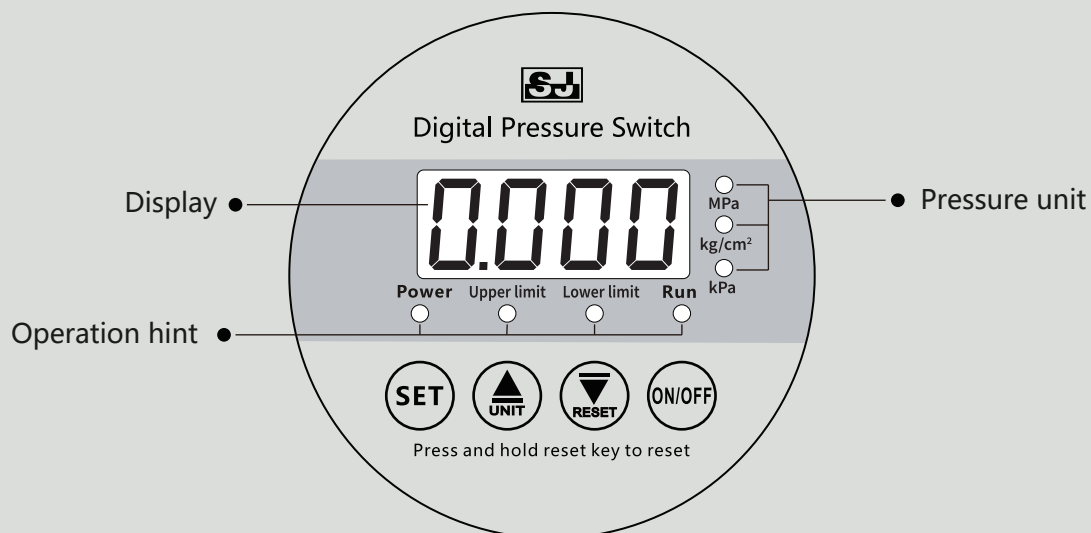
For any changes to the specifications of this catalogue, the latest version shall prevail.



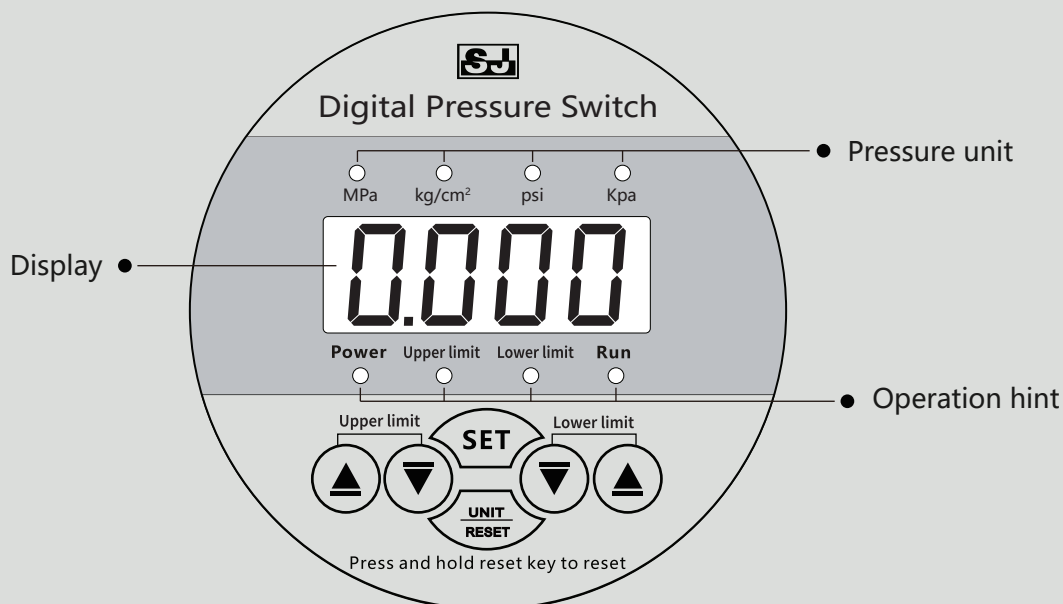


Panel display

3" Digital pressure switch



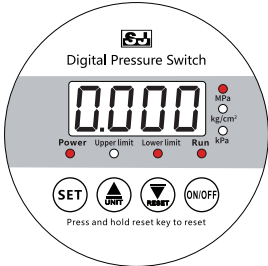
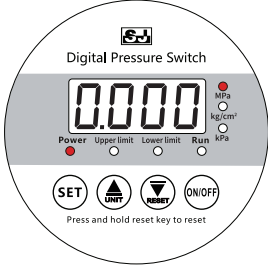
4" Digital pressure switch

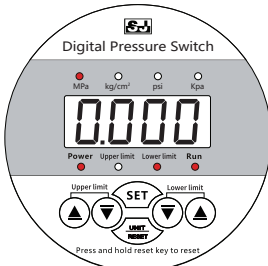
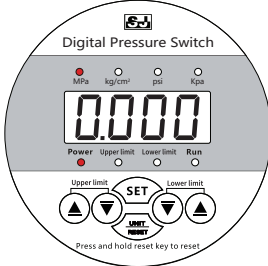




How to zeroing?

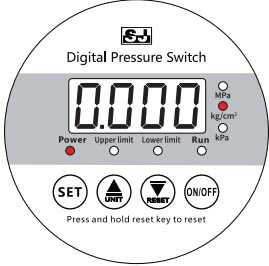
Due to the different atmospheric pressures in different places, the zero calibration should be performed first regardless of whether the screen has displayed values or not.

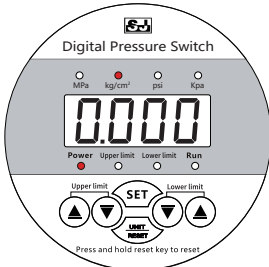
3" Digital pressure switch		
Operation	Operate	Indicator light
Step. 1 Power on	Please make sure that the pressure gauge is powered on at atmospheric pressure. At this time, the indicator light is on, and the "RUN" light is flashing.	
Step. 2 Zeroing	1. Press "ON/OFF" to enter the setting menu. 2. Press and hold "RESET" (down arrow) to zero.	

4" Digital pressure switch		
Operation	Operate	Indicator light
Step. 1 Power on	Please make sure that the pressure gauge is powered on at atmospheric pressure. At this time, the indicator light is on, and the "RUN" light is flashing.	
Step. 2 Zeroing	Press and hold "UNIT/RESET" to zero.	



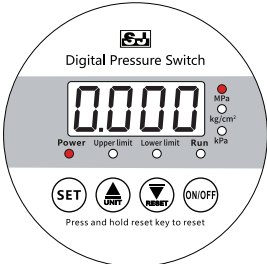
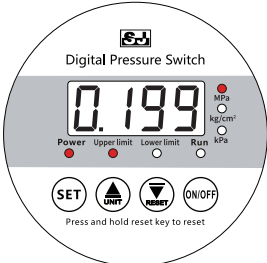
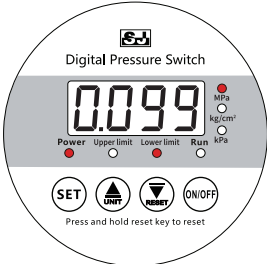
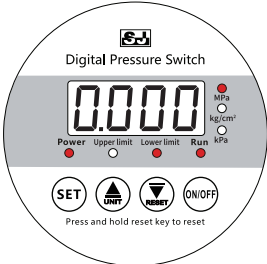
How to switch the pressure unit?

3" Digital pressure switch		
Operation	Operate	Indicator light
Switch the unit	1. Press "ON/OFF" to enter the setting menu. 2. Press and hold UNIT" (up arrow) to switch the unit.	

4" Digital pressure switch		
Operation	Operate	Indicator light
Switch the unit	Press "UNIT/RESET" to switch the unit.	

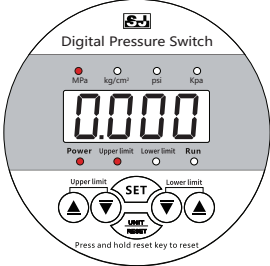
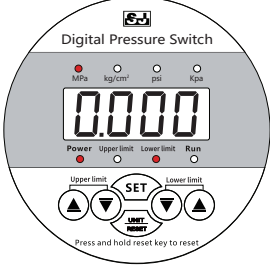


How to set the upper and lower limit?

3" Digital pressure switch		
Operation	Operate	Indicator light
Step. 1 Enter the menu	Press "ON/OFF" to enter the setting menu.	
Step. 2 Set the upper limit	1. Press "SET" key to enter the upper limit setting menu. 2. Press "UNIT" (up arrow) or "RESET" (down arrow) to increase or decrease values.	
Step. 3 Set the lower limit	1. Continue to the previous step, press "SET" to enter the lower limit setting menu. 2. Press "UNIT" (up arrow) or "RESET" (down arrow) to increase or decrease values.	
Step. 4 Complete the setting	1. Press "SET" to exit the limit setting. 2. Press "ON/OFF" to complete the upper and lower setting.	



How to set the upper and lower limit?

4" Digital pressure switch		
Operation	Operate	Indicator light
Set the upper limit	Short press the "up arrow" or "down arrow" under "Upper limit" to increase or decrease the value to complete the upper limit setting.	
Set the lower limit	Short press the "up arrow" or "down arrow" under "Lower limit" to increase or decrease the value to complete the lower limit setting.	

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