

Model MC2081 Smart Pressure Switch



MC2081 Smart Pressure Switch transfers pressure signal through high precision instrumentation amplifying, MCU data processing, and temperature compensation by built-in temperature sensor. It can be used in most of areas of pressure measuring and controlling for liquid and gas. Because of convenient and flexible adjustment, simple installation, it can be also used in most of occasions of liquid level controlling.

Features

High-precision AD microprocessor,

4 digital display

Controlling point of pressure or liquid level can be set through buttons

Display unit optional: Bar, PSI, Kpa

2 or 1 SPDT relays or opt coupler output

4-20mA/0-10V optional

Higher accuracy, small hysteresis, fast response, stable and reliable

No dead zone

Parameters

Range optional: -0.1MPa ~ 200MPa

Power: 12~35V DC (220V AC optional)

Relay capacity: 220VAC3A, 24VDC5A

Accuracy: 0.5%FS

Working temperature: -20~85°C

Protection: IP65

Wiring Instruction

+	---	Power +	
-	---	Power -	
H-COM	---	High level alarm common terminal (Green)	0~10V
H-OFF	---	High level alarm NO (White)	
H-ON	---	High level alarm NC (Brown)	
L-COM	---	Low level alarm common terminal (Blue)	4~20mA
L-OFF	---	Low level alarm NO (Yellow)	
L-ON	---	Low level alarm NC (Gray)	

