

MC2082 Explosion-Proof Pressure Switch



MC2082 explosion-proof pressure switch (2, 4, 5 controllers optional, transmission output optional) is one of pressure measurement, display, control and transmission product. It is a full electronic structure, converting the signal from pressure sensor into standard output by high precise A/D microprocessor processing. It can display the pressure, and outputs the analog transmission and switching controllers (MC2082A outputs 2 controllers, MC2082B outputs 4 controllers and MC2082C outputs 5 controllers). This smart digital pressure switch is flexible, safe, reliable easy to operate. It is widely used in hydroelectric, petroleum, chemical, mechanical, hydraulic and other industries.

Features

- 100mm dial
- Standard instrument installation
- 4 bits LED display. MC2082C has double indicators
- Controlling point can be set arbitrarily. (MC2082A 2 controller relays output, MC2082B 4 controller relays output, MC2082C 5 controller relays output)
- 4-20mA standard signal output (optional)
- MC2082C has RS485 output optional
- The power supply is 24VDC and 220VAC optional

Installation

It can be installed directly on the pipe through connection joint (M20*1.5, other dimensions are optional).

In applications such as severe shock, the pressure pipe joint can be mechanically decoupled through a micro hose.

Note: it must be installed vertically when the range is less than 100KPa.

Technical Parameters

- Range: -0.1~0-100MPa
- Accuracy: 0.5%F.S
- Pressure Overload: 200%
- Stability: $\leq 0.1\%$ year
- Power: 24VDC/220VAC
- Display: -1999~1999
- Reponse: $\leq 30\text{ms}$
- Medium temperature
- Environment: -30-80, 0-90%RH

Dimensions

