

ANP361 Industry Smart Pressure Transmitter



Features

- Multiple output signal options
- With LCD or LED display
- Strong anti-interference, Surge-proof, Reverse power protection
- Integrated 316L stainless steel diaphragm
- High Accuracy, High Stability

Applications

- Petrochemical Industry
- Process control and Measurements
- Hydraulic and Pneumatic Industry

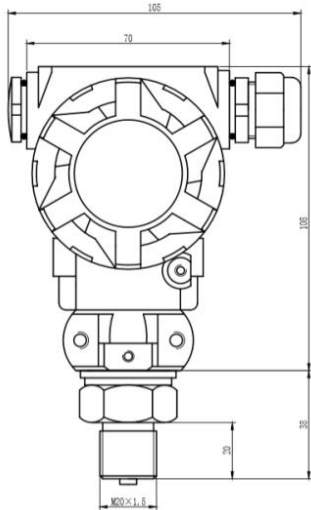
Description

ANP361 Industry Pressure Transmitter is our own designed pressure transmitter with high accuracy and stability. It designed with a compact integrated stainless steel structure with a built-in digital processing circuit that converts into standard voltage or current signal output. The structures and output forms are various.

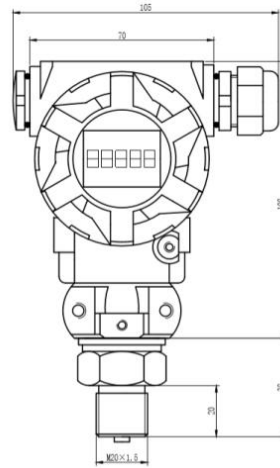
Specifications

Range	-100kPa...0kPa ~ 10kPa...100MPa
Overload	2 times of Pressure Range or 110MPa (Max)
Pressure Type	Gauge Pressure, Absolute Pressure, Sealed Gauge pressure
Power Supply	10 ~ 30VDC (Non display)
	15 ~ 30VDC (LED or LCD display)
Output	2-wire 4 ~ 20mADC: 11 ~ 30VDC
	4 ~ 20mADC+RS485 Modbus-RTU; 11 ~ 30VDC
	RS485 Modbus-RTU; 8 ~ 30VDC
	4 ~ 20mADC+Hart; 11 ~ 30VDC
Accuracy	±0.25% FS ±0.5% FS
Long-term stability	±0.2%FS/ Year
Temp. Coefficient of zero	< 100KPa ±0.03%FS/°C
	≥ 100KPa ±0.02%FS/°C
Temp. Coefficient of span	< 100KPa ±0.03%FS/°C
	≥ 100KPa ±0.02%FS/°C
Media Temp.	-30°C~ 80°C
Operating Temp.	-30°C~ 80°C (Non display)
	-30°C~ 70°C (LED display)
	-20°C~ 60°C (LCD display)
Storage Temp.	-40°C~ 120°C
Load Resistance (Ω)	≤ (supply voltage -10V) /0.02A
Sealing	FKM
Housing Material	Copper aluminum alloy
Protection Class	IP65
Cable	φ 7.5mm PU cable

Dimension (Unit: mm)



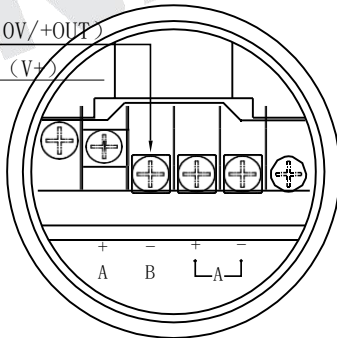
D1 Non display (IP65)



D2/D3 LED/LCD display (IP65)

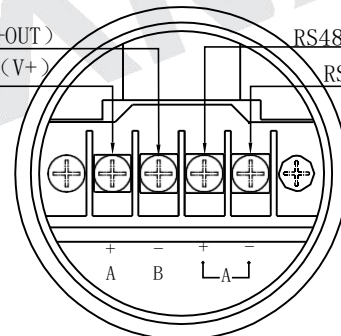
Electrical Connection

Negative (0V/+OUT)
Positive (V+)



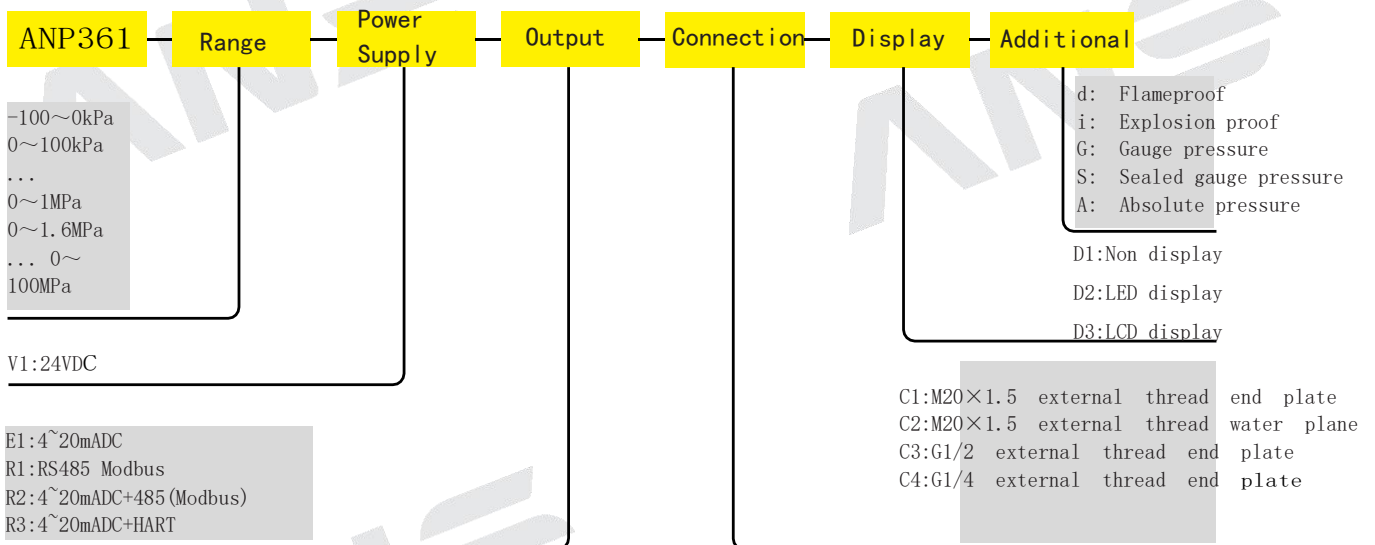
4-20mA and HART output

Neg. (0V/+OUT) RS485A
Positive (V+) RS485B



RS485 Output

Selection Guide



Noted:

- The range could be -100kPa...0kPa~10kPa...100MPa;
- Please pay attention that the media should be compatible with the contacted parts.