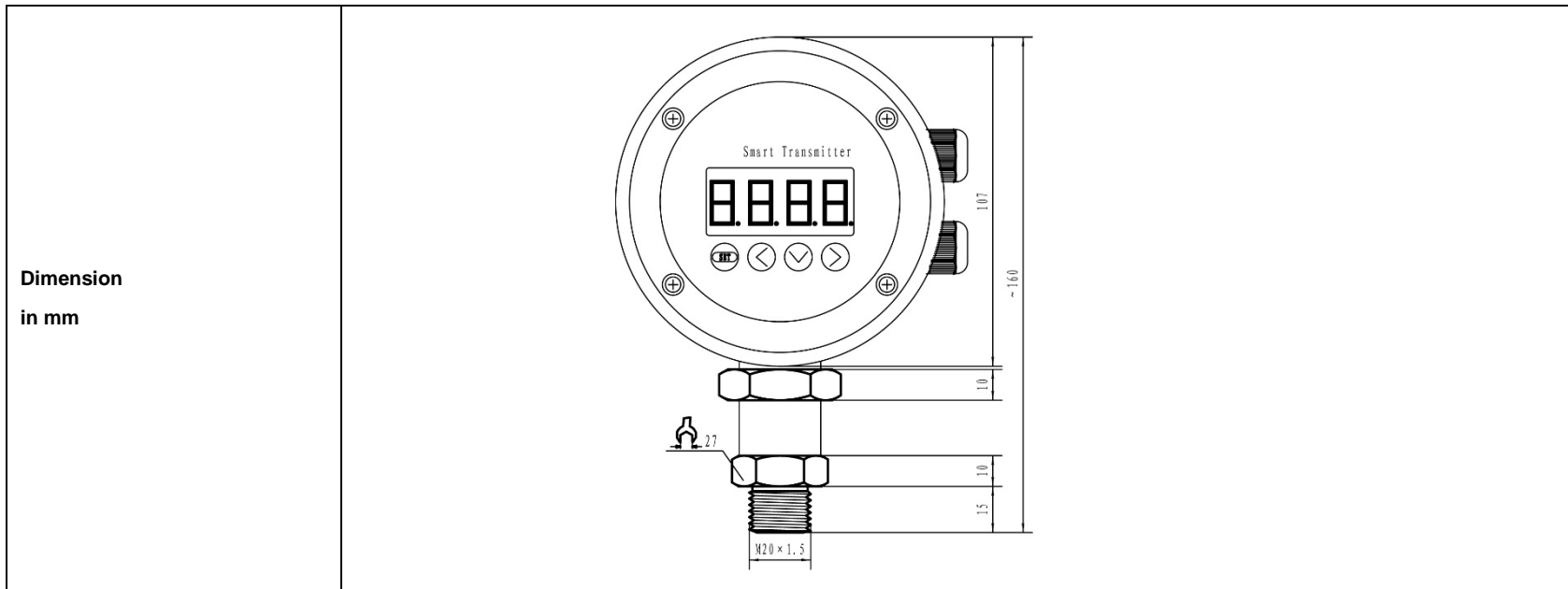

PCM800 Pressure Controller



- High-definition LCD
- Setting, calibration and adjustment of parameter with 4 keys
- Constant current and voltage excitation provided
- Wide dynamic signal input
- On-site zero calibration function by key
- Independent mode, sensitivity and delay function of alarm
- RS485 communication interface and standard Modbus RTU protocol

PCM800 Pressure Controller integrates electric contact switch, transmitter and communication interface to complete on-site pressure measurement, display, control and output. Through the high integrated circuit based on microprocessor, the product generates switch signal, standard analog current and communication output, enabling continuous measurement and control of pressure. The product has several advantages, i.e. high precision, stable and reliable performance, easy operation and convenient installation. It is especially applicable to the pressure measurement, display, communication and control of fluid in the fields of hydropower, chemical industry, urban water supply, scientific research, etc.

Pressure range	
Pressure range	20KPa, 35KPa, 70KPa, 100KPa, 250KPa, 400KPa, 600KPa, 1MPa, 1.6MPa, 2.5MPa, 4MPa, 6MPa, 10MPa, 16MPa, 25MPa, 40MPa, 60MPa, 100MPa
Pressure reference	Gauge pressure Absolute pressure Sealed gauge pressure
Overpressure	200%F.S.
Output signal	
Output	High precision LCD digital display
Specification	
Excitation	24VDC, 24V±10%, power consumption < 4W (24VDC recommended) 100-240VAC, power consumption < 7W (220VAC recommended)
Medium temp.	-20-80°C
Storage temp.	-40-125°C
Zero temp. coefficient	<40ppm/ °C
Span temp. coefficient	±1.5%F.S.max.(-20-80° C)
Mechanical vibration	20g(20 to 5000HZ)
Shock	100g(11ms)
Insulation	100MΩ/250VDC
Response time	≤1ms(up to 90%FS)
Long term stability	≤0.2%F.S.S/year



How to order

