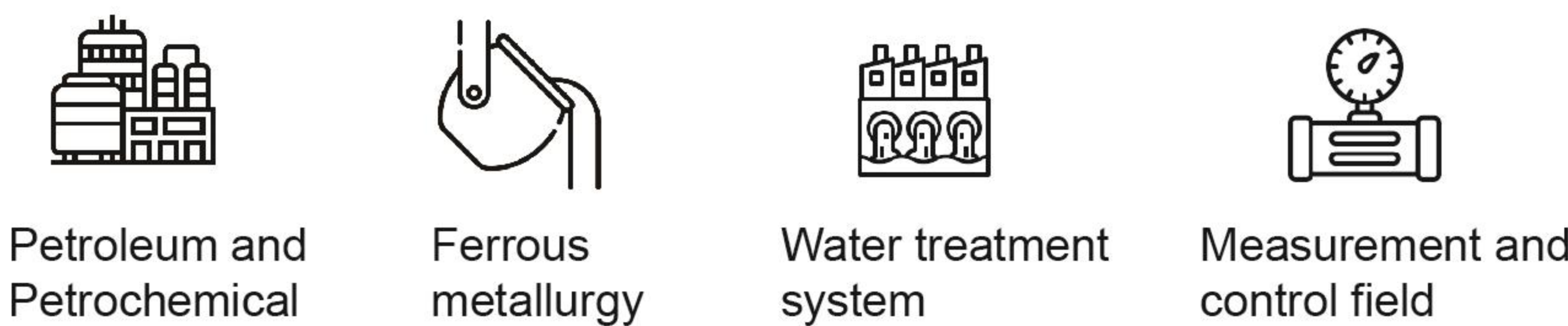


PK664 High Temperature Pressure Transmitter

Certification



Application Scenarios



Product Features

Range	Accuracy	Medium temp	Connector material	Diaphragm material
-100kPa... 60MPa-gauge, negative and absolute pressure	0.1%FS	-40...250℃	Stainless steel 304, stainless steel 316, anti-corrosion materials	Stainless steel 316

Product Description

This product is used as a high-temperature pressure transmitter, with a comprehensive accuracy of up to 0.1% FS. It can measure the temperature range of the medium: -40... 250 °C, and is used for stable measurement and monitor the pressure of high-temperature media such as steam and hot oil.

Widely used in petroleum and petrochemicals, various chemical industries, steel metallurgy, water treatment systems, and industry measurement and control fields.

The product uses high-performance conditioning chips and integrated circuits to convert sensor millivolt or milliampere signals into standard voltage, current, or digital signals, which can be directly communicate with upper computer, PLC, various intelligent instruments, and control monitoring platforms.

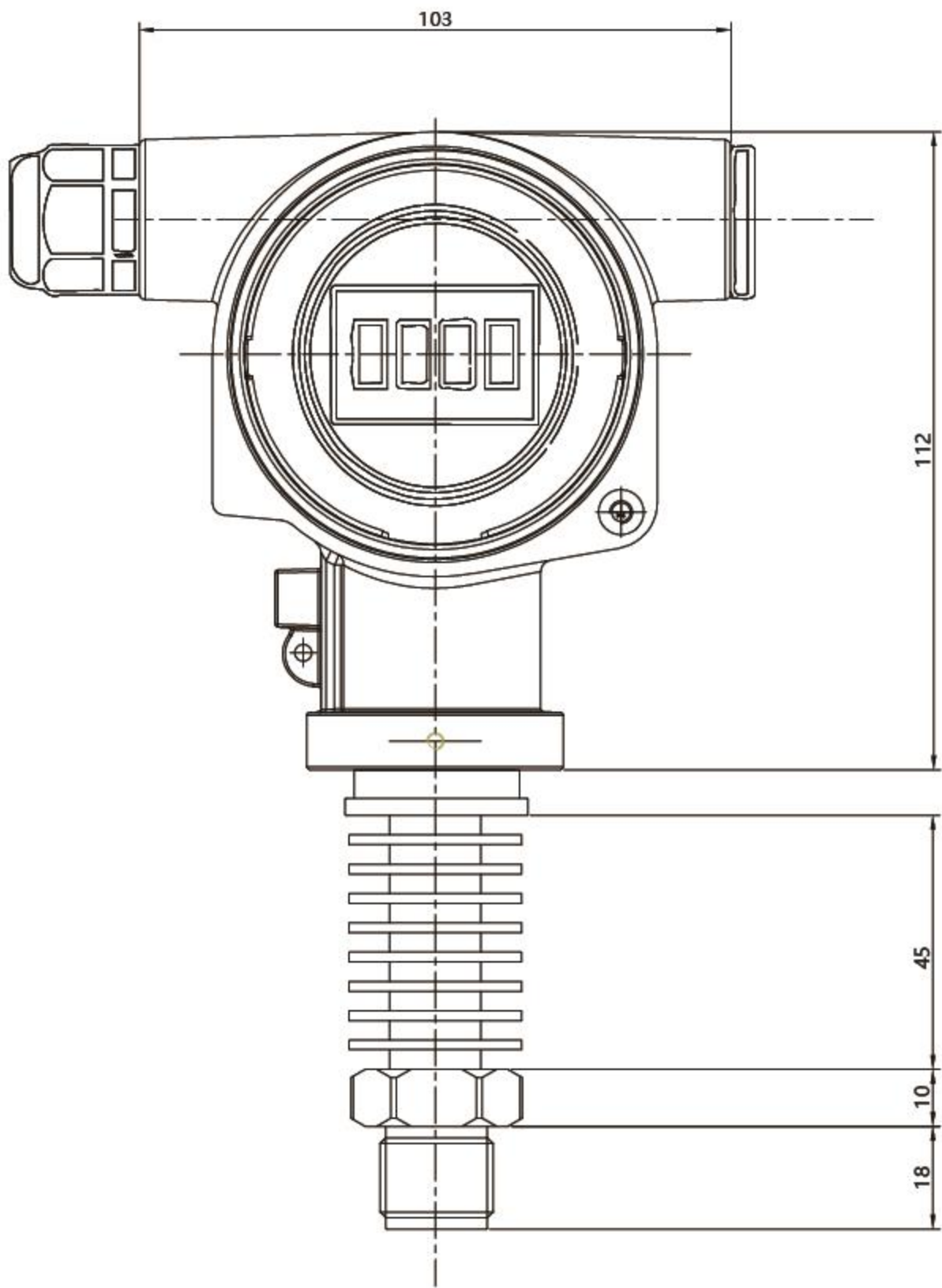




Technical Parameter

Application scenarios	Gauge pressure, Absolute pressure, and Negative pressure
Measurement range	-0.1MPa.....0.....60MPa
Comprehensive accuracy	0.1%FS
Overpressure	1.5 times
Response time	<5ms (rising to 90% FS)
Medium temperature	-40.....250℃
Operating temperature	-40.....85℃
Supply voltage	DC24V ( 10...30 V DC )
Output signal	4...20mA 、 0...5V、 0...10V、 Modbus、 HART
Sealing level	IP65
Connection material	SS 304, SS 316, anti-corrosion materials
Diaphragm material	Stainless steel 316
Stability performance	0.1% FS/year
Process connection	Thread, flange, clamp
Electrical connection	M20、 NPT1/2、 G1/2、 M12

Specifications and Dimensions





Certification

- A Common
- B NEPSI Ex ia IIC T4
- C NEPSI Ex d IIC T6
- E NEPSI Ex d ia IIC T6

Shell+Communication interface				Process connection	
M	Aluminum shell+cable plug M20			GM	M20x1.5
L	Aluminum shell+cable plug G1/2			GN	NPT1/2
N	Aluminum shell+cable plug NPT1/2			NN	NPT1/2 F Female
K	Aluminum shell+cable plug M12			GO	G1/4
Y	Customized			NO	G1/4 F Female
		Output		GP	G1/2
				NP	G1/2 F Female
		1	4-20mA	GQ	NPT3/4
		2	4-20mA + Display	GR	G1
		3	0-10V	GS	G2
		4	0-10V + Display	GT	NPT1/4
		5	Modbus	NT	NPT1/4 F Female
		6	Modbus + Display	YY	Customized
		7	4-20mA Hart		
		8	4-20mA Hart + Display		
		Range		Diaphragm	
				S	316L
		BA	40kPa	P	PFA cladding
		BB	100kPa	H	Hastelloy alloy
		BW	200kPa	T	Tantalum diaphragm
		BC	400kPa	G	Gold-plated diaphragm
		BD	600kPa	Y	Customized
		BE	1MPa		
		BF	1.6MPa		
		BG	2.5MPa		
		BH	4MPa		
		BI	10MPa		
		BM	20MPa		
		BN	30MPa		
		BK	40MPa		
		BL	60MPa		
		YY	Customized		
				Type	
				G	Gauge
				A	Absolute
				M	Negative

PK664 High Temperature Pressure Transmitter

Selection rules:

Requirements: Explosion proof certification, M20 communication interface, 4-20mA Hart+display, 1MPa gauge pressure, and G1/4

Select model: PK664-CM8BEGGOS