

QYB102

Industrial Pressure Transmitter

Overview

QYB102 adopts 2088 industrial explosion-proof shell, uses high performance, high stability pressure sensor as the pressure signal measuring element. The sensor signal is converted into standard signal output through special signal processing. The product has passed long-term aging and stability screening with stable and reliable performance and can be used in harsh outdoor environment. It has special wiring terminals and digital display, making installation, calibration and maintenance easy. This series of products is suitable for petroleum, water conservancy, chemical industry, metallurgy, electric power, light industry, scientific research, environmental protection, etc various enterprises and institutions. to realize fluid pressure measurement and suitable for various occasions, all-weather environment and various corrosive fluids.

Features

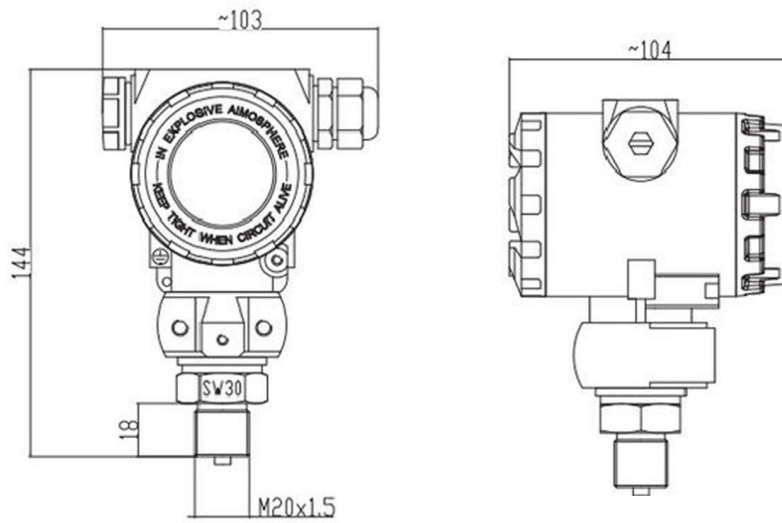
- Piezoresistive silicon chip employed
- A variety of output signals can be selected, customization available
- Measuring range widely, LED, LCD pressure display
- Reverse polarity protection and current limiting protection
- Anti-lightning strike, anti-impact
- Intrinsically safe and explosion-proof
- High precision, high stability, high reliability
- Pressure measurement for gases, liquids and vapors

Performance Parameter

Pressure Range	-0.1~0~100MPa
Output	4-20mA/RS485/4-20mA+HART
Power Supply	10-30VDC
Accuracy	0.5%F.S/0.2%F.S/0.1%F.S/0.075%F.S
Display	4 digit LED/5 digit LCD
Display Range	-19999~99999
Thread	G1/2 / G1/4 / G1/8 / NPT1/2 NPT1/4 (Customizable)
Operating Temperature	-10°C~80°C
Medium Temperature	-40°C~80°C (≥80°C Cooling Part)
Relative Humidity	≤80°C
Overload	150%
Temperature Excursion	±0.02%/°C
Long-term Stability	±0.2%F.S/Year
Protection	IP65



Dimensions



Ordering Guide

QYB102	Industrial Pressure Transmitter	
X	Code	Display
	W	Non-Display
	X	LED Display
	Y	LCD Display
I	Code	Output
	I	4-20mA
	R	RS485
	H	4-20mA+HART
D	Code	Shell Color
	S	Single Color(Blue)
	D	Double Color(White and Green)
5MPa	Range	Measuring Range
	(0-X)MPa	X (Actual required range)
5	Code	Accuracy
	5	0.5%F.S
	2	0.2%F.S
	1	0.1%F.S
	0	0.075%F.S
G14	Code	Thread
	G14	G1/4
	NPT14	NPT1/4
	G12	G1/2
	NPT12	NPT1/2
	G38	G3/8
	Customized	
S4	Code	Wetted Material
	S4	SS304
	S6	SS316L
	SP	PTFE
	SM	Special Materials