



Certificates

XI'AN YUNYI INSTRUMENT COMPANY LIMITED



1. Pressure Transmitter
2. Pressure Gauge
3. Pressure Calibrator
4. Dead Weight Tester
5. Level Transmitter
6. Flow Transmitter
7. Temperature Transmitter
8. Density Meter



YD-2088 type Pressure Transmitter

Description

YD-2088 type pressure transmitter uses piezoresistive silicon oil-filled sensor as the signal measuring element. Signal processing circuit located in the stainless steel housing, can convert sensor signal into standard output signal. All the products through components and semi-finished products test, finished products burn-in screening, are with stable and reliable performance. Have strong anti-interference performance, can working in harsh environment conditions for long term.

Feature

Wide range, cast aluminium & explosion-proof housing,
various pressure port
Various output signal, scene adjustable
Multiple protect, strong anti-interference capability.
Marking: ExiaIICT6.

Application

Compatible with 316LSS,noncorrosive gases & liquids.
Special use in harsh environment conditions.

Technical Data

Measurement Range	-0.1....0~0.01.....~100MPa
Proof pressure	≤1.5X rated pressure or 110MPa which ever is less
Pressure type	Gauge, absolute ,sealed gauge
Accuracy	±0.25% (Typical) ±0.5% (Max.)
Long term stability	±0.2%F.S/year
OperatingTemperatureRange	-20℃~80℃
Power supply	15 ~ 30VDC
Output signal	4 ~ 20mA 0 ~ 10/20mA 0/1 ~ 5VDC RS485
Pressure port	M20×1.5 or customize
material	1Cr18Ni9Ti stainless steel
Diaphragm material	316L
O-ring	Fluororubber
Electrical housing	Cast aluminium alloy(2088housing)
Insulation resistance	100MΩ,100VDC
Protection	IP65



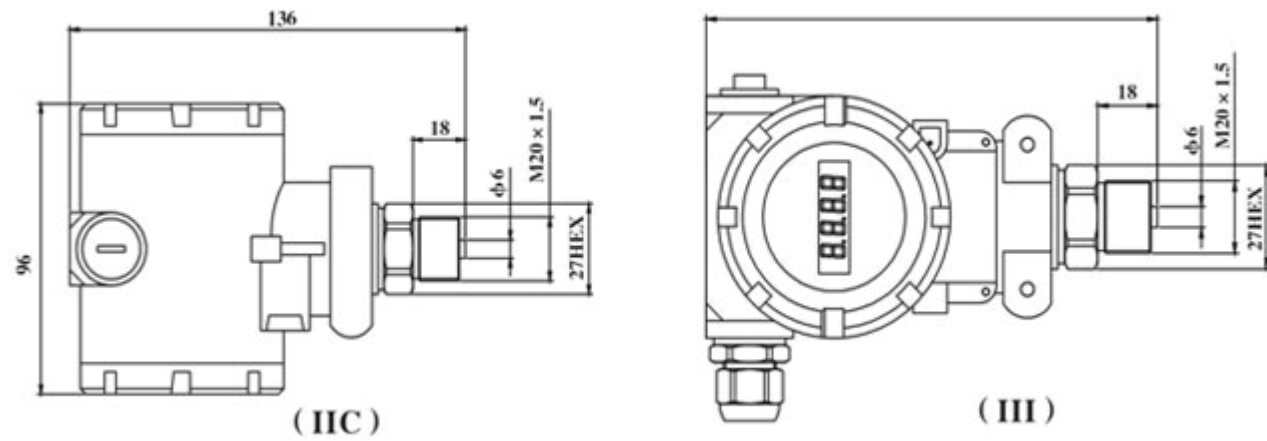
Ordering Information

YD-2088XX	Pressure range	-0.1....0~0.01....100MPa		
	(0-X)KP Or MPa	X:Measurement range		
	Code	Power supply		
	D1	24VDC		
	D2	5VDC		
	D3	Others		
	Code	Output signal		
	S1	4 ~ 20mADC	S5	0 ~ 20mADC
	S2	1 ~ 5VDC	S6	0 ~ 10VDC
	S3	0 ~ 5VDC	S7	0.5 ~ 4.5VDC
	S4	0 ~ 10mADC	S8	Rs485
	Code	Pressure Port		
	J1	M20×1.5 male		
	J2	G1/2 male		
	J3	G1/4 male		
	J4	7/16-20UNF Female		
	J5	Others (such as ∅50.4flange)		
	Code	Electrical connection		
	B1	Big Din		
	B2	PG7 PIN		
	B3	Cable with 1.5 meter		
	B4	2088 industry housing		
	B5	2088 housing with LED		
	B6	others		
	code	Pressure type		
	G	Gauge		
	A	Absolute pressure		
	S	Sealed pressure		

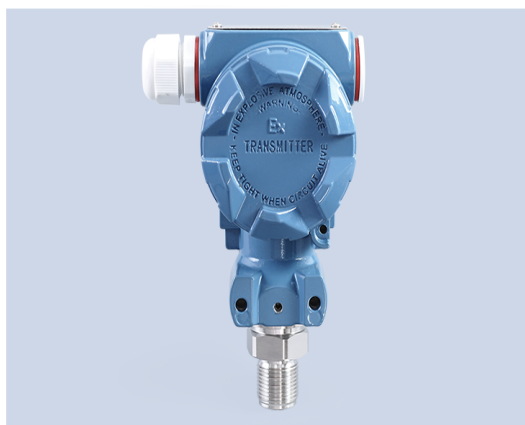
Ordering note:

- 1.Media must compatible with wetted part.
- 2.To ensure the products can working reliable, we suggest that customer install lightning protection device and make sure products & power are earthed.
- 3.Special requirement ,such as strong shock, moment vibration, strong electromagnetism, radio frequency interference ,please consult us.

| Dimension



| Pictures details:



Xi'an Yunyi Instrument Co., Ltd
Tel: 86 29 88812007
Fax: 86 29 88639233
www.yunyiyibiao.en.alibaba.com