Pressure Transmitter

Description

▲ Pressure sensor has been specially designed to cover the majority of industrial applications which need high accuracy measurement.

▲ QDX50A pressure sensor is made of stainless steel,the pressure sensing elements are selected from good suppliers.Special circuits are adopted to adjust zero and full range conveniently.

▲ This pressure transducer has been approved with CE,FCC,ROHS,ISO certificates, and explosion-proof certificates.

▲ Customized structures and outputs formats can be designed according to special application requirement,in addition to standard products.



Selection

QDX50A	–	–	–	–	Notes
Range					-1bar~0~1000bar
Output signal		O1			4-20mA
		O2			0-5Vdc
		O3			1-5Vdc
		O4			0-10Vdc
		O5			RS485
Power supply			P1		12Vdc
			P2		24Vdc
Thread size				T1	M20*1.5, Customization

Features

▲ SS304 SS316 stainless steel material body

▲ Imported diffusion silicon chip,8ms instantaneous response

▲ Pure cooper core,high melting point,high temperature resistant

▲ Imported core body,0.2%FS high precision,strong anti-interference

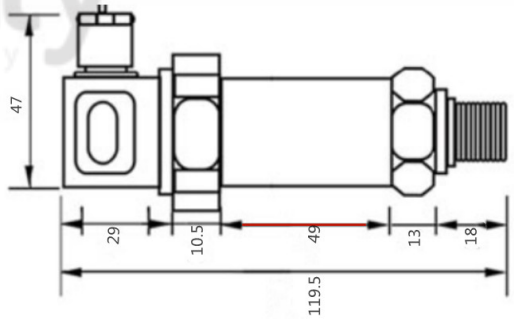
▲ Anti-damping design thread, resistant to 300% instantaneous impact

▲ PVE engineer plastic outlet terminal,flame retardant,pressure resistant

Specifications

Model: QDX50A series
Measuring range: -1bar~0~1000bar
Pressure type: Gauge pressure,Absolute pressure,Seal pressure
Output signal:
4-20mA,0-20mA,1-5V,0-5V,0-10V,Customization
Power supply: 12~36VDC(24VDC)
Accuracy: 0.5%FS(Default), 0.2%FS(Customization)
Response time: <8ms
Overload pressure: 200%FS
Ambient temperature: -40~85℃
Compensation temperature: -10~70℃
Protection garde: IP65
Long-term stability: ≤0.2%FS/℃
Zero temperature drift: ±0.03%FS/℃
Sensitivity temperature drift: ±0.03%FS/℃
Natural frequency: 5KHz~650KHz
Thread size: M20×1.5(Default),Customization

Product size

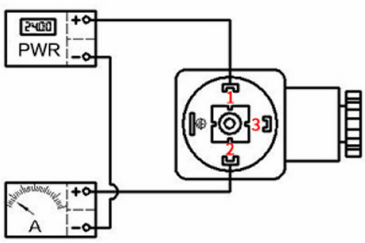


Note : Probe default 49mm,also has 35mm shorter,
If you need a small size, please contact customization

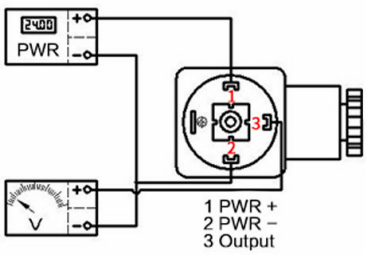
		2-wire	3-wire
	U+	1	1
	U-	2	2
	S+	-	3

Wiring Diagram

2 Wires Current Output



3 Wires Voltage Output



Thread Optional

Code	Thread	Code	Thread	Code	Thread	Code	Thread
T1	M8X1	T2	M10X1	T3	M12X1	T4	M12X1.25
T5	M12*1.5	T6	M14*1.5	T7	M16*1.5	T8	M18*1.5
T9	M20*1.5	T10	M22*1.5	T11	M24*1.5	T12	M27*1.5
T13	M33*2	T14	M44*1.5	T15		T16	
T17	G1/8	T18	G1/4	T19	G3/8	T20	G1/2
T21	G3/4	T22	G1	T23	G1 (female)	T24	
T25	NPT 1/8	T26	NPT 1/4	T27	NPT 3/8	T28	NPT 1/2
T29	NPT03/4	T30	NPT 1/4(female)	T31		T32	
T33	PT 1/8	T34	PT 1/4	T34	PT 1/4	T36	PT 1/2