

QYB200

Hydrostatic Level Transmitter

Overview

Diffused silicon sensors are used as sensitive elements and all-digital circuits. The overall performance is stable and reliable, and can carry out long-distance signal transmission. All stainless steel structure, easy to install. It has excellent anti-interference and impact resistance and is suitable for well water, lake water, water tank.

Features

- Multiple range options
- Zero point, full point and range are adjustable
- Reverse polarity protection and current limiting protection
- Lightning strike and impact resistance
- Intrinsically safe and explosion-proof
- Small size, beautiful appearance, high cost effective
- High precision, high stability and high reliability



Performance Parameter

Measuring Range	0~400m
Output	4-20mA/RS485/0-5V/0-10V/4-20mA+HART
Interface Material	SS304/SS316L
Sealing Material	Nitrile Rubber, Fluorine Rubber
Protection Level	IP68
Cable Material	PVC/PUR/PTFE/PE (optional)
Stability	$\leq \pm 0.2\% \text{F.S./Year}$
Medium Temperature	0°C~60°C
Overload	150%
Accuracy	0.5%F.S/0.2%F.S/0.1%F.S
Power Supply Voltage	10~30VDC
Size	27mm/19mm/16mm

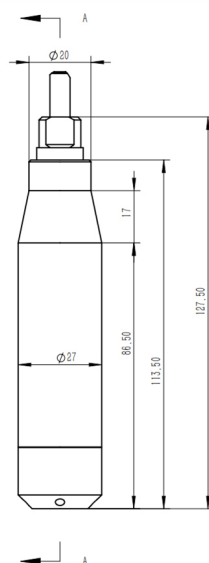
Electromagnetic Compatibility Environment

Serial	Test items	Basic Standards	Test Conditions	Performance Level
1	Radiated interference (enclosure)	GB/T9254/EN 55011	30MHZ-1000MHZ	B(Note 2)
2	Conducted interference (DC power supply)	GB/T9254/EN 55011	0.15MHZ-30MHZ	B(Note 2)
3	Electrostatic discharge immunity	GB/T 17626.2/IEC 61000-4-2	4kV(touch), 8kV(Air)	A(Note 1)
4	RF magnetic field	GB/T 17626.3/IEC 61000-4-3	10V/m(80MHZ-1GHZ)	A(Note 1)
5	Power frequency magnetic field	GB/T 17626.8/IEC 61000-4-8	30A/m	A(Note 1)
6	Electrical burst immunity	GB/T 17626.4/IEC 61000-4-4	2kV(5/50nS,100kHz)	A(Note 1)
7	Surge Immunity	GB/T 17626.5/IEC 61000-4-5	1000V(12u S/50 u s)	B(Note 2)
8	Radio frequency induction conduction anti-	GB/T 17626.6/IEC 61000-4-6	10V(150kHz~80MHZ)	A(Note 1)

Note 1: When the performance level is A, the performance is normal within the limits of the technical specifications.

2: At performance level B, functions or performance are temporarily reduced or lost, but can be restored by themselves, and the actual operating status, storage and data remain unchanged.

Dimensions



Ordering Guide

QYB200	Hydrostatic Level Transmitter	
5	Code	Cable Length
	5	(X)m Actual Required Length
0-5m	Code	X (Actual Required Range)
	0-5m	(0-X)m
I	Code	Output
	I	4-20mA
	R	RS485
	C	CAN
	F	FF
	H	HART
	V5	0-5V
	V10	0-10V
S4	Code	Probe Material
	S4	SS304
	S6	SS316L
	SP	PTFE
	Customized	
5	Code	Accuracy
	5	0.5%F.S
	2	0.2%F.S
	1	0.1%F.S
V	Code	Cable Material
	V	PVC
	U	PUR
	T	PTFE
	E	PE
	Customized	

