

WPCH01

Profile

WPCH01 general type pressure transmitter has small size and light weight, and convenient to install. It integrated with Winsen's own developed sensor core and convert pressure into standard voltage signal output through a high reliable amplifying circuit and accurate temperature compensation circuit.

The whole stainless delicate structure and plastic elements with high-strength enhance its anti-corrosion character, which make the product meet demands in different application occasions.

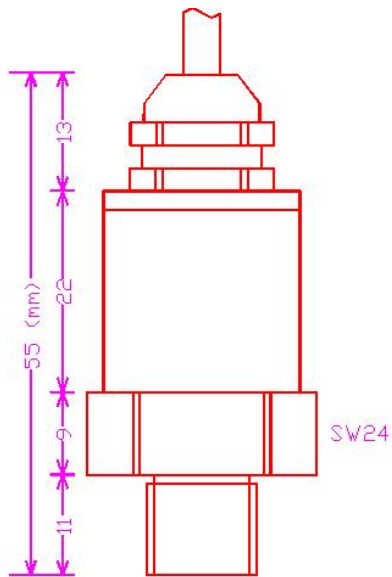
It has various output way and connector, and it also could be customized. It is widely used in water pump, smart water supplying, air compressor, cars, air conditioners, water dealing device, controlling gas and liquid pressure.



Parameters

Detection range	0-0.2MPa-.....-40MPa	
Comprehensive	0.1%FS (Default)	
Output signal	0.5-4.5V	Customizable
Power supplying	+5VDC	Customizable
Structural connection	G1/4、G3/8	Customizable
Compensation	0-65°C (Default)	Customizable
Working	-20-125°C	
Safe overload	150-200%	
Ultimate overload	200-250%	
Long-term stability	< 1%FS/year	
Response time	< 1ms	
Shell material	304 stainless steel	Customizable
Protection grade	IP67	

3. Structure sizes



4. Electric connection and definition of wires

Pin	Cable	Definition	Definition
1	Red	Power: V+	Power: V+
2	Yellow	Output: OUT+	
3	Black, Blue, Green	Common Port: GND	Output: OUT

5. Cautions

1. Before selecting suitable model, please note the compatibility between the medium and the contacting part.
2. If selecting others, please indicate the specific requirements.
3. If have special requirements on parameters or functions, welcome to communicate with us further.
4. Please be sure to pay attention to the definition of cable wiring, the production will fail with wrong connection ways, this should be assumed by users.