



WPBH01

Ceramic Pressure Sensor

Manual Version4.0

Zhengzhou Winsen Electronics Technology Co., Ltd

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Please keep the manual properly, in case you need help during the usage in the future.

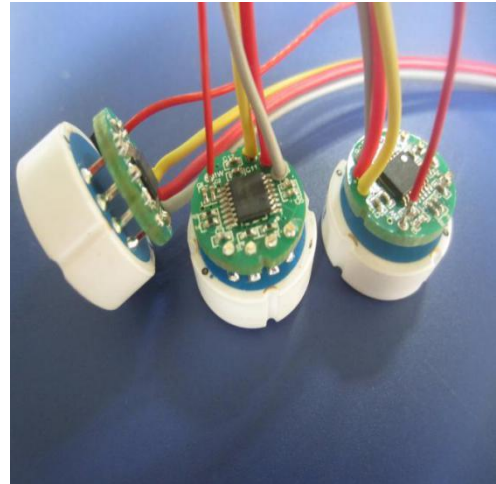
Zhengzhou Winsen Electronics Technology CO., LTD.

8th, Oct 2016

WPBH01 Ceramic pressure sensor module

1. Product description

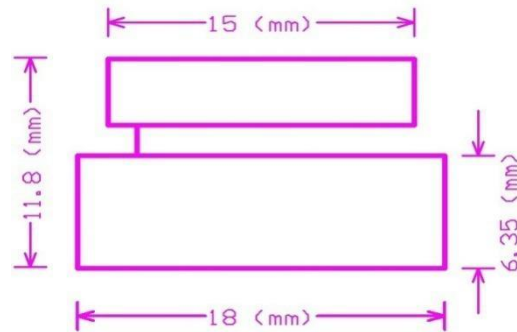
The WPBH01 ceramic pressure sensor module is a voltage output type of pressure transmission module, there is no shell of the ceramic pressure transmitter. This product is made of refined ceramic seat ceramic piezo resistive pressure sensor, using precision conditioning chip on the sensor offset, sensitivity, temperature drift and other compensation. With high integration, small size, high precision, good consistency, anti-interference ability, response speed block, wide temperature range and other characteristics.



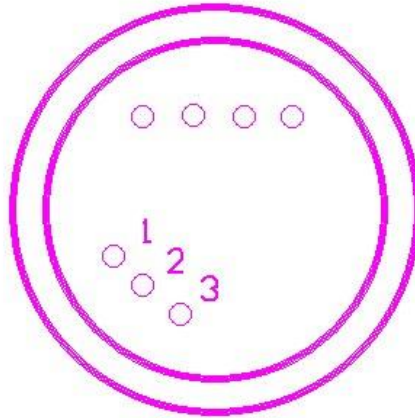
2. Technical parameters

Item	parameter	Mark
Size	φ18.0×11.8 mm	
Range	2bar—5bar	customizable
Power Voltage	5VDC	customizable
Output	Proportional voltage output、 0.5~4.5V	Standard signal output, customizable
Comprehensive accuracy	0.5% 1% 2% 5%	default2%
Compensation temperature	0~65°C -10~85°C	Default 0-65°C
Working temperature	-20~125°C	
Response time	<1mS	
Working current	<1.5mA	

3. Outline



4. Wiring diagram



1. Output positive (Vout+)
2. Power ground (Output negative GND)
3. Power is positive (Vcc)

Caution: The color of the specific product leads may be different, whichever is indicated by the wiring specified at the time of shipment.