DOOZEN
Specilize in Switch&Sensor

C7

Air Pressure Sensor





Summary

The C7 model air pressure sensor is a frequency-output pressure sensor capable of detecting a pressure range of 0-10 kPa. This sensor operates based on the LC oscillation circuit principle, relying on the movement of a magnetic core to convert pressure changes, thereby achieving frequency variations for pressure measurement.

The C7 type of sensor offers advantages such as fast response, strong anti-interference capability, and low cost, with an accuracy of up to 2%.

It is the preferred choice for household appliances and various simple pressure control devices.

Feature

- Robust construction, sensor element has no contact with media
- Special design developed for full automated manufacture including in-line adjustment of zero point and full scale valueat an attractive price
- Simple structure and high reliability
- Tough structure against environmental change
- Initial output frequency setting is optional

Applications

- Automatic washing machines
- Wash machines
- Dish washer
- Kitchen washing machine
- Bottle washing machine
- Sewage lifting pump
- Detection of water level for various tanks
- Detection of clogging in air conditioners, etc

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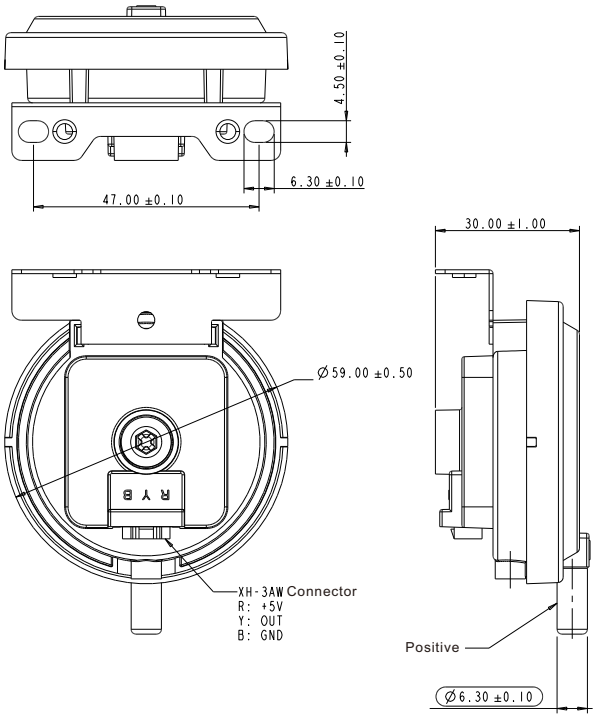
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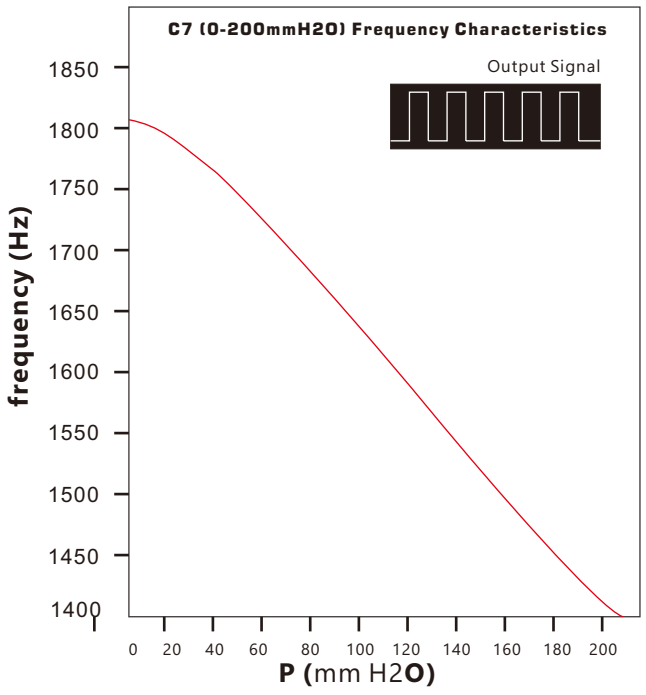
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Standard Specifications

Mechnical	
Body	Glass filled PA6
Diaphragm	Silicon
Port connection	6.3 mm O.D
Functional	
Working pressure Range	0~215 mm H_2O
Life	250,000 cycles
Max Operating Pressure	10 KPa (1.45 PSI)
Operating position	Diaphragm vertical
Operating temperature	-20C to 85C
Deviation of Setting	+/-5 mm H2O
Medium:	Air and neutral gases
Electronical	
Input	5~12V DC
OutPut	5~12V Pulse(Frequency)
Max Response time:	0.5 S





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