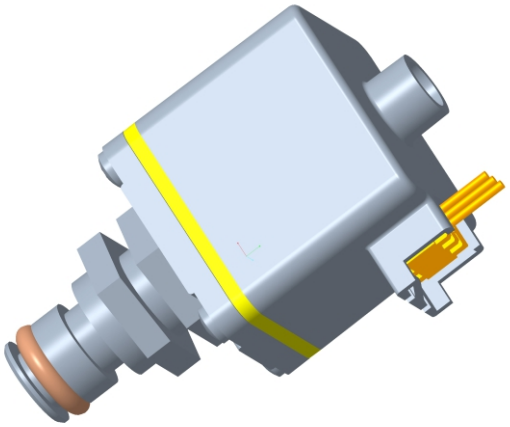
DOOZEN
Specilize in Switch&Sensor

CW4

Pressure Sensor



SUMMARY

Cw4 Series is high accuracy pressure sensor, embedded one programming Hall sensor, due to linear compensation and temperature compensation of programming hall sensor, can effectively eliminate the zero error, sensitivity error, and system error.

Cw4 Series can accurately measure the pressure range of 0-10bar, and provide a perfect linear Pulse output which the accuracy can reach 3%, under 5VDC power supply, the output range is 1.5-2.0KHz. It has corrosion resistant diaphragm, making it possible to detect gas or liquid. It uses a plastic enclosure that makes the cost very low.

FEATURE

- Withstand at least 100,000cycles of pressure change
- -20 to 100°C working temperature
- Pulse signal output (1500~2000Hz)
- Plastic enclosure
- Reverse voltage protection

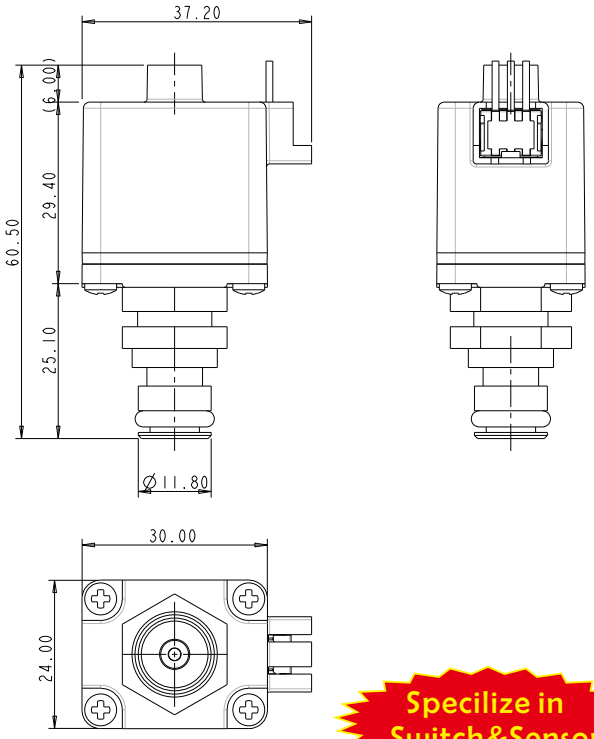
APPLICATIONS

- Wall mounted gas boiler
- HVAC
- Solar heating system
- Control pump, valve
- Appliance Liquid detection

SPECIFICATIONS

Pressure range:	0~10Bar
Accuracy:	±5% of Full Span
Linearity:	± 3% of Full Span
Response time:	10.0 ms
Proof Pressure:	1.6Mpa()
Operation Temp.:	-20~100° C
Power:	5.0±0.5 @ 10mA Max
Signal Output:	5 V, open collector pulse
Wetted Material:	PA66 (30%GF)
Port Connector:	See Table
Cable Length:	Customizable
Media:	Gas or Liquid
Weight:	28.0g

DIMENSIONS



Specilize in Switch&Sensor

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