DOOZEN
Specilize in Switch&Sensor

W3

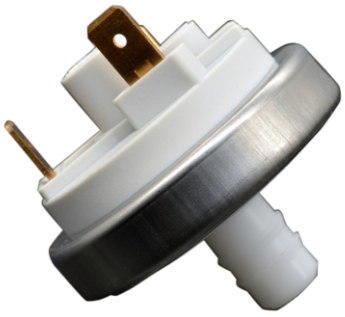
Pressure Switch



W32



W33



W35

Summary

Series W3 pressure switches convert a pressure signal to an electrical output.
In response to a change in pressure, movement of an elastomeric diaphragm opens or closes an electrical circuit based on a predetermined pressure set point. The Series W3 features cost effective, snap-acting electrical switches.

Pressure ranges as low as 1Kpa up to 100Kpa are available. Series W3 switches assure control stability through wide and variable temperature and humidity conditions and assure un-interrupted service under extreme shock and vibration.
As with all Doozen products. series W3 switches provide superior performance and 100,000 cycle life under full mechanical, electrical and thermal loads.

Feature

- Customer Engineered Solutions
- Wide Variety of Pressure Medium
- High Current Capable
- Fixed & Adjustable Set Points
- Normally Open/Normally Closed
- Single Pole/Double Throw
- Historically Proven Reliability

Applications

Commonly used as an interlock device to sense air, gas or water pressure at a specific point,Series W3 switches provide on/off control of.

- Medical Equipment
- Electric strip heaters in VAV systems
- Waste oil heating systems
- Food processing equipment
- Residential boilers
- Other electrical equipment in pneumatic, gas, or fluid flow systems

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Shenzhen Doozen Electronics Co.,Ltd

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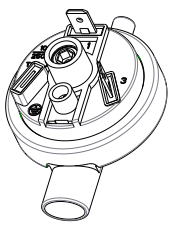
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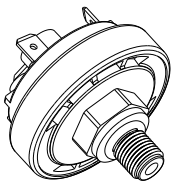
Standard Specifications

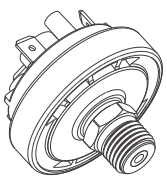
Mechnical	
Body	Glass filled PA66
Diaphragm	Silicon
Terminals	Brass 6.3X0.8mm
Contacts	Fine Silver or Golden plated
Switch Type	SPST-NO, SPST-NC, SPDT
Life	10,000 cycles
Max Operating Pressure	500 KPa (43 PSI)
Port connection	Optional
Functional	
Working pressure Range	0~100Kpa
Operating position	Diaphragm vertical or horizontal
Operating temperature	-2C to 65C
Deviation of Setting	+/-0.5 Kpa
Medium:	Air or Liquid

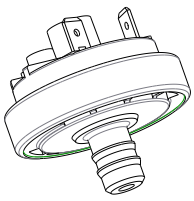
Electronical	
Initial resistance	50 ,ohm Max
Amperage	From 0.1A to 1A
Voltage	24V DC or 125/250V AC

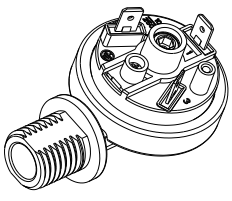
Port connections

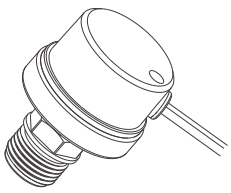

W32


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W34


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W36


W37

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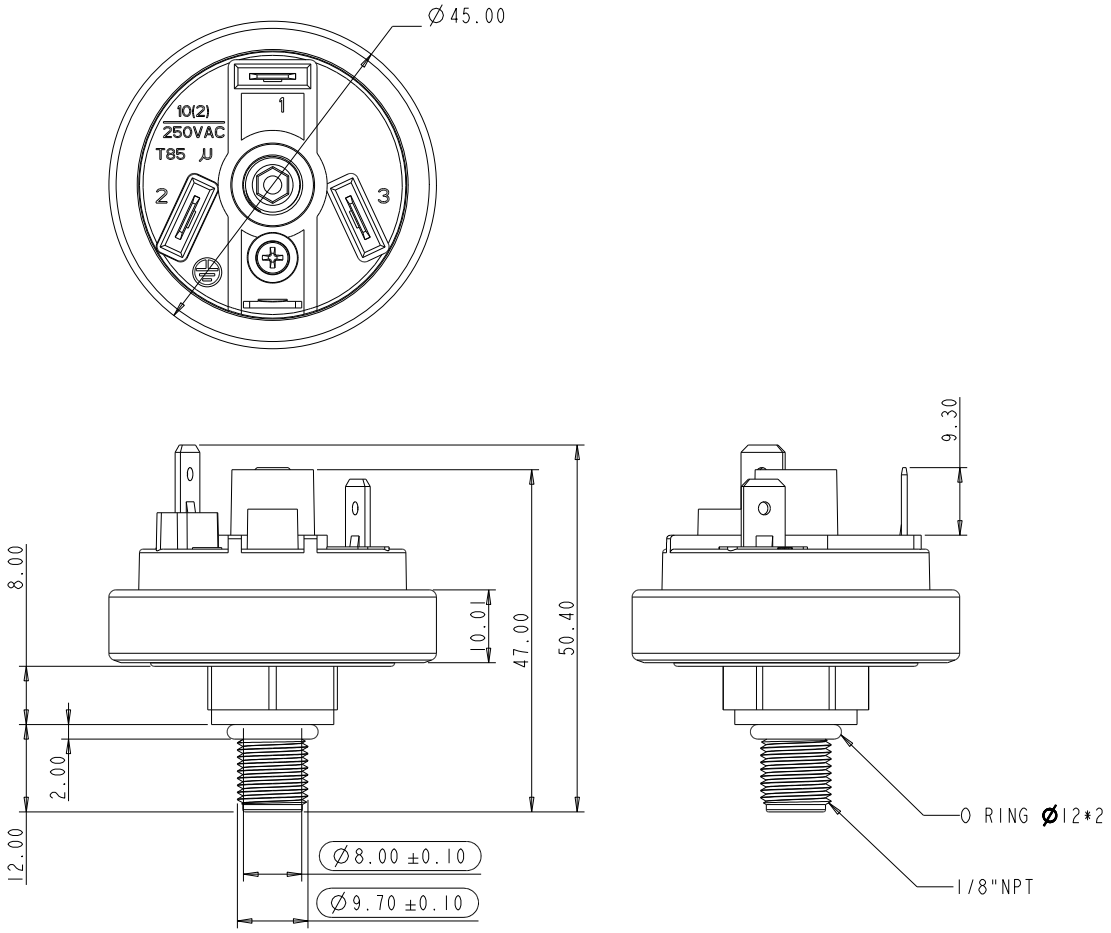
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DOOZEN
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W3

Pressure Switch

Dimensions



Model Selection instruction

W3 – 2 999

3. Customer spec

001...999, customer made specifications, include set points, terminal, electrical rating, water proof, label color, accessory, etc.ng

2. Conncetion type

1= 3 Way inlet snap inert OD=8.0mm
2= 3 Way inlet snap inert OD=8.0mm
3= Plastic inlet type G1/8
4= Plastic inlet type G1/4
5= Plastic inlet quick snap OD=10X15mm
6= 90D Plastic inlet type G1/4
7= Metal inlet type G1/4
...

1. Model Number

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