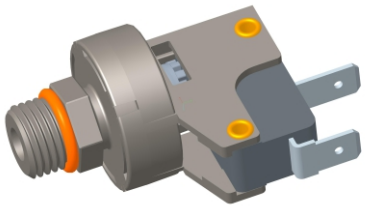
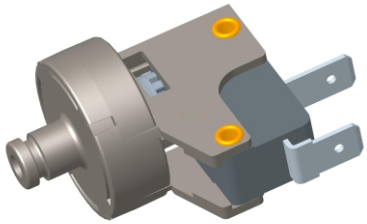
DOOZEN
Specilize in Switch&Sensor

W2

Pressure Switch



W22



W23



W24

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 W2 features cost effective, snap-acting electrical switches and field adjustable set points with a visual scale for easy set point selection. Pressure ranges as low as 10Kpa up to 100 Kpa are available. Series W2 switches assure control stability through wide and variable temperature and humidity conditions and assure uninterrupted service under extreme shock and vibration.

Series W2 switches provide superior performance and 100,000 cycle life under full mechanical, electrical and thermal loads

Feature

- Pressure ranges as low as 10 kPa SPST, SPDT, DPST, or DPDT switching logic
- 1/4" male quick connect or #8 screw terminals for electrical connections
- A variety of mounting pan and pressure fitting materials injection molded plastic
- Wide array of pressure fittings; 1/8" NPT male 1/4" NPT male, Quick Snap optional
- Models available with or without wiring enclosures

Applications

Commonly used as an interlock device to sense air, gas or water pressure at a specific point, Series W2 switches provide on/off control of.

- Electric or gas heaters
- Pumps
- Small air compressors
- 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

Specilize in Switch&Sensor

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W2

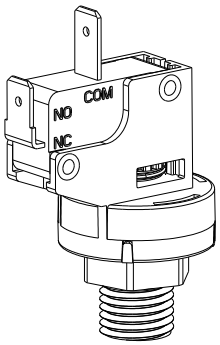
Pressure Switch

Standard Specifications

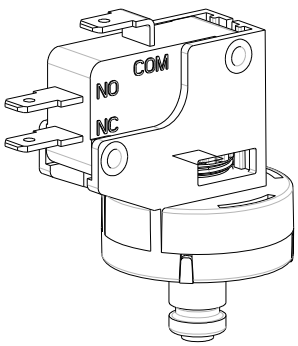
Mechnical	
Body	Glass filled PA66
Diaphragm	Silicon
Terminals	Brass 6.3X0.8mm
Contacts	Fine Silver or Golden plated
Switch Type	SPST-NO, SPST-NC, SPDT
Life	100,000 cycles
Max Operating Pressure	600 KPa (87 PSI)
Port connection	Optional
Functional	
Working pressure Range	0~100Kpa
Operating position	Diaphragm 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 16A
Voltage	24V DC or 125/250V AC

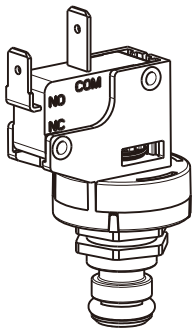
Port connections



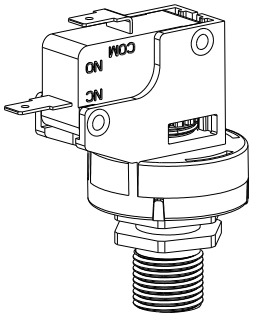
W22



W23



W24



W25

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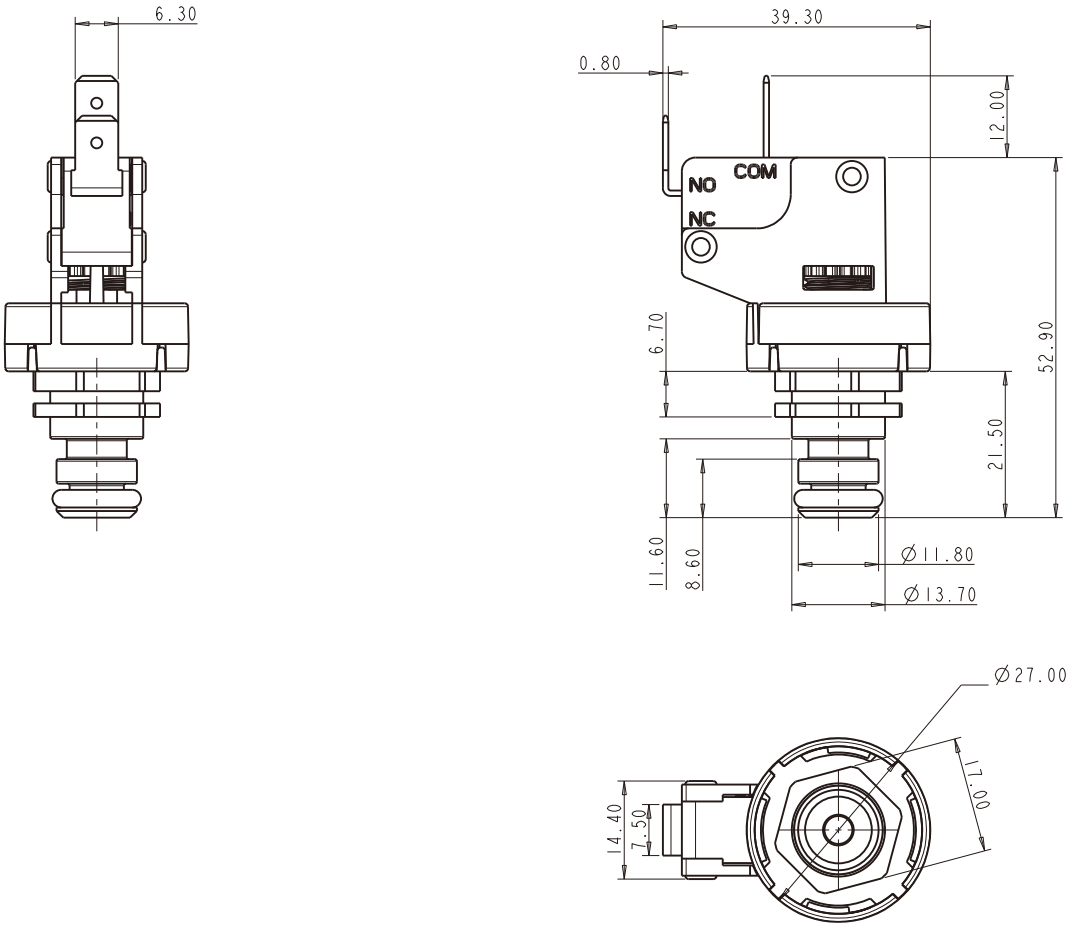
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DOOZEN
Specilize in Switch&Sensor

W2

Pressure Switch

Dimensions



Model Selection instruction

W2 – 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= 1/8" NPT male
2= 1/4" NPT male(Shoer)
3= OD=6.0mm Quick Snap
4= OD=11.8mm Quick Snap
5= 1/4" NPT male (Long)
...

1. Model Number

Specilize in Switch&Sensor

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