

SPECIFICATIONS OF DISCHARGE PRESSURE SWITCH

NAME: PRESSURE DEVICE
 TYPE: YZ101 (ING026-CS-XXX-XX)
 GRADE OF PROTECT: IP55
 MATERIAL: HPb59-1
 WORKING PRESSURE: ≥3bar
 VOLTAGE: ≤16A 250VAC
≤0.6A 125VDC
≤0.3A 250VDC

⚠ BE CAREFULLY READ THIS SPECIFICATION BEFORE OPERATING THE DEVICE

THIS DEVICE IS A MECHANICAL PRESSURE SWITCH, WHEN A FLUID PRESS ON AND MAKE THE SENSOR ELEMENT BEND, MOVE UP, THROUGH SPRING START UP THE MICRO SWITCH, OUT PUT THE ELECTRIC SIGNAL ,

It adopt a piston lever structure, easy to operate, stable in working stable, and long working life.

It be widely used in automatic machinery, mining equipment for pressure control and safety protection

1. Data

Range of measure	0~200bar (option by users)
Pressure of design	3bar~200bar (option by users)
Medium	water oil, gas w/o corrosion
Electric connect point	silver plated
Designed delay	15% ~ 15%
Route max.	2times/sec.
Working temperature	-20℃~+65℃
Working life	1,000,000 times
Certificated	CE
Weight	400g
Electrical character	Variable switch over: open or close Power protect : by DIN 40050 Power connect : by DIN 43650
Connection protection	polarity opposite and short circuit protection
Installation port	G1/4 G1/2 or customer decided
Material	HPb59-1 (brass)

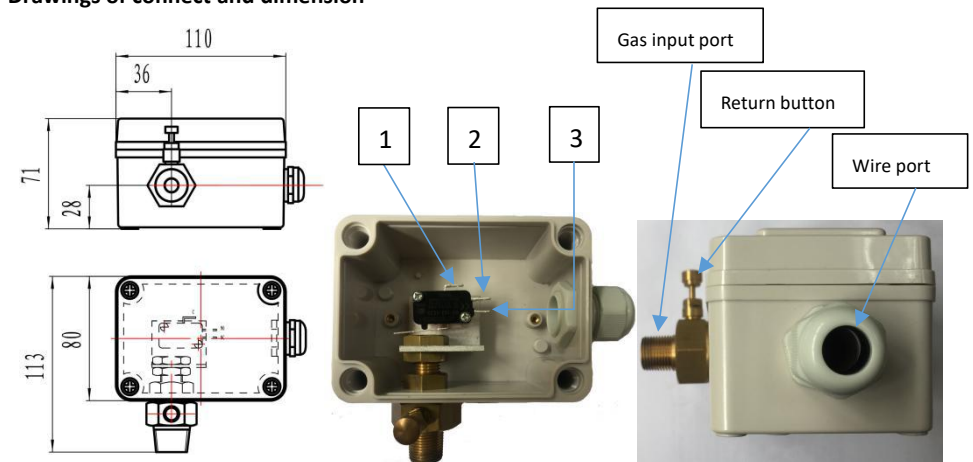
2. Connection

port	name	max load
1	alarm comment terminal	16A 250VAV
2	alarm open terminal	0.6A 125VDC
3	alarm close terminal	0.3A 250VDC

⚠ Before connect in a circuit, be sure the voltage and current must not over nominal and rated ones.

During make connection, must shut off the electric power, avoid to hurt human being and products

3. Drawings of connect and dimension



Outlook dimension may be different as customers requests

4. Notes:

1. Working pressure should not be higher than the product rated pressure
2. The working voltage and current should not be over rated ones.
3. Do not measure the medium corrosive to stainless steel and copper
4. Do not connect power, nor adjust pressure rated point when the power on.
5. Big impact may change rated value, even damage the product
6. Anti-explosion product need to cover a protect shell

This manual is only for users reference, some data may have little difference with real products in your hands, because products has some options decided by customers.