

**NEW-FLOW**

**ISO 9001  
REGISTERED**

# ***NEW-FLOW***

## ***Instruction Manual***

### **PRESSURE SWITCH**



***NEW-FLOW TECHNOLOGIES, INC.***

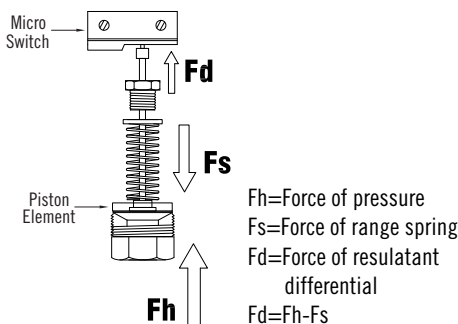
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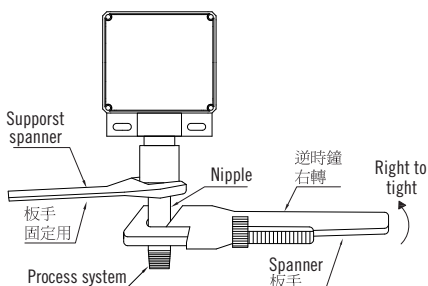
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# PS.PSA SERIES *Pressure Switch*

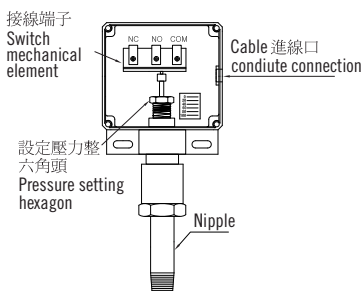
## (A) Principle



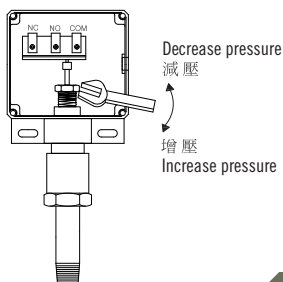
## (B) Process installed instruction



## (C) Construction Drawing

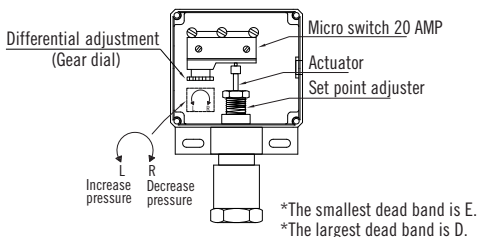


## (D) PS Series Range Setting Method



## (E) PSA Series Range Setting Method

Pressure setting hexagon is adjusted that is based on E point when ex-factory. To regulate dead band, rotate the gear dial on micro switch then choose the setting for A to F point.



## (F) Wire Drawings/Micro Switch Rating

SPDT Wire Drawing(接線圖) DPDT Wire Drawing(接線圖)

NC	NC
NO	NO
COM	COM
	NC
	NO
	COM

NC	NC
NO	NO
COM	COM
	NC
	NO
	COM

### Micro Switch Data:

Switch original maker: HONEYWELL  
 Switch data: one SPDT & two SPDT micro switch, 15amps 125/250V, gold contact micro switch 1A 125/250VAC, hermetically sealed switch 3A res. 1A ind. 28V/DC, 1A res. Ind. 115V/AC

## (G) Sensitive Repeatability

Skills for set point as follows.

The pressure continues 4 cycles should be operating up to set point, and return to low or high pressure point by request.

Ex.

### 1. Code 20R-35~200psi, set point 100psi up ON

The pressure operated from "0"psi up to set point 100psi micro switch working at ON. Then return to "0" continued 4 cycles to establish sensitive repeatability.

### 2. Code 20R-35~200psi, set point 100psi down ON

The pressure operated up to 200psi, then down to 100psi switch working at ON. Then return to 200psi continued 4 cycles to establish sensitive repeatability.