

## WM12020 Pressure Switch



WM12020 universal pressure switch is a kind of pressure switch with ingenious structure and flexible use. It is equipped with bellows and mechanical mechanism. When pressure rises or falls, the corresponding mediation springs and ripples produce stretch or contraction displacement, and then push the switch through the lever action, cut off or switch on the control loop.

WM12020 universal pressure switch has exquisite window to display the actual pressure value, and the adjustment knob to adjust the pressure control pressure difference value.

### Characteristics:

- Compact structure
- Wide range of measurement
- High repeatability
- Hysteresis adjustable
- Normally open and normally close contact
- Contact silver plating, large contact capacity
- Wide temperature range of the measuring medium

### Specifications:

- Range of measurement: see table below
- Hysteresis: see table below
- Output: normally open + normally closed, contact silver plated
- Contact capacity: DC42V, 3A; DC125V, 8.5A; AC250V, 4.5A
- Medium temperature: -45~120℃
- Protection level: IP33
- Interface thread: Tube fitting or G1/4 thread
- Material: brass with nickel plated, NBR shell

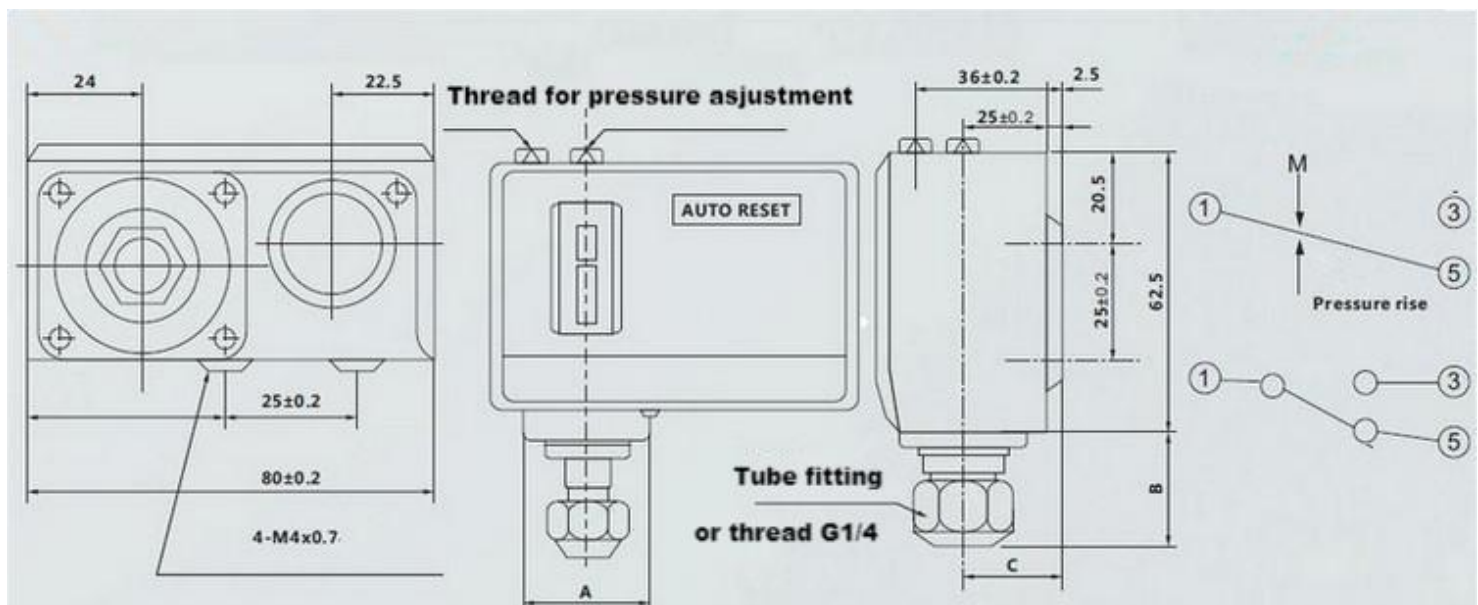
### Parameters:

Model	Range(bar)		Hysteresis(bar)		Default Setting(bar)		Maximum Pressure(bar)
	Min	Max	Min	Max	OFF	ON	
WM12020-502	-0.7	2	0.2	1.0	1.5	1	16.5

WM12020-503	-0.7	3	0.2	1.5	2	1	16.5
WM12020-506	-0.7	6	0.6	4	3	2	16.5
WM12020-506M	-0.7	6	$\leq 1$		3	Manual reset	16.5
WM12020-110	1	10	1	3	6	5	16.5
WM12020-516	5	16	1	4	10	8	35
WM12020-520	5	24	2	5	16	13	35
WM12020-530D	5	30	5	10	20	15	35
WM12020-530	8	30	3-5		20	15-17	35
WM12020-530M	8	30	$\leq 4$		20	Manual reset	35

**Ordering Codes:**

WM12020	Pressure Switch	
-	Pressure range	Refer to above form of parameters
-	Material of Thread	-B: Brass -S: Stainless Steel
-C	Installment type	1: Tube fitting 2: Thread G1/4

**Dimensions:**


At the upper end of the display window, the rotary screw corresponding to the position of the pressure value is used to adjust the setting point of the pressure switch, and the rotation screw corresponding to position of hysteresis is used to set the adjustment lag (backlash).

