Vacuum Switches

Vacuum Switches MP 20

Measuring range:-1 bar to 0 bar

Vacuum Switches MP 20

Introduction and application

- Condition Monitoring for vacuum system
- Optimize the working cycle, adjust the system loop, and improve the economic benefit of vacuum system
- The square design is more suitable for board surface installation
- For all automated handling areas

Design

- Electronic vacuum switch, sturdy polycarbonate case
- Vacuum connection is NPT 1/8 "external thread or M5 internal thread
- Built-in LED to show internal state of switch
- Small size, light weight

Advantage

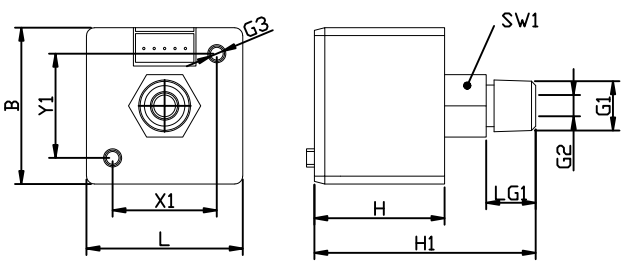
- Switching accuracy
- It is easy to use and can meet various needs of users.
- Upper and lower limit values can be displayed on the screen
- Wide range of adaptation

Ordering Guide Vacuum Switches MP 20

Type	Ordering Data
MP 20 NPN	90.07.01.00001
MP 20 PNP	90.07.01.00002

Design Data Vacuum Switches MP 20

MP 20



Type	Dimensions[mm]										
	B	G1	G2	G3	H	H1	L	LG1	SW1	X1	Y1
MP20	30	NPT1/8"-M	M5-F	M3-F	21.5	36.5	30	8	12	20	20

Vacuum Switches

Vacuum Switches MP 20

Measuring range:-1 bar to 0 bar

Technical Data Vacuum Switches MP 20

Type	MP 20
Measured medium	Air, non-corrosive, non-flammable
Measuring range	-1 bar to 0 bar
Max. overpressure	1.5MPa
Repeatability	± 3%F.S. ± 1digit
Hysteresis	Adjustable
Inputs/outputs	2
Switching capacity max. [mA]	MAX80mA
Indication	Orange(1 indicator)OUT1.
Display accuracy	±1%F.S. 1 digit (at ambient temperature:25 to 3)
Display unit	kPa,Mpa,kgf/cm2,bar,psi,inHg,mmHg
Measured-value display	3-color (red,green, orange) display (sampling rate:5 times/s,2 times/s,1 time/s)
Measurement medium connection	R1/8",M5
Voltage	12to24V DC ±10%, the peak value of continuous wave is less than 10%.
Current consumption [mA]	≤ 40MA (without load)
Protection level IP	IP40
Temperature effect	±3%F.S (in the temperature range of 0 ≤ 50)
Operating temperature [°C]	0−50℃
Weight [G]	About 67 g (including 2-meter wire)