Vacuum Switches

Vacuum Switches MP 30

Measuring range:-1 bar to 0 bar

Vacuum Switches MP 30

Introduction and application

- Condition Monitoring for vacuum system
- Optimize the working cycle, adjust the system loop, and improve the economic benefit of vacuum system
- For all automated handling areas

Design

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

Advantage

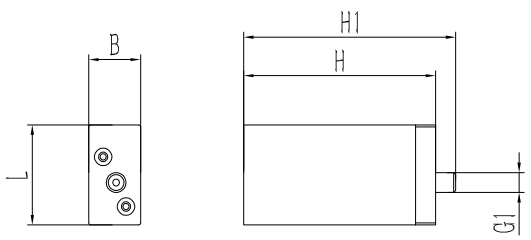
- Switching accuracy
- It is easy to use and can meet various needs of users.
- Upper and lower limit values can be displayed on the screen
- Wide range of adaptation

Ordering Guide Vacuum Switches MP 30

Type	Ordering Data
MP 30 NPN	90.07.01.00003
MP 30 PNP	90.07.01.00004

Design Data Vacuum Switches MP 20

MP 30



Type	Dimensions[mm]				
	B	G1	H	H1	L
MP30	13	M5	48	53	25

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Technical Data Vacuum Switches MP 30

Type	MP 30
Measured medium	Air, non-corrosive, non-flammable
Measuring range	-1 bar to 0 bar
Max. overpressure	1.5MPa
Repeatability	± 0.2%F.S. ± 1digit
Hysteresis	Adjustable
Inputs/outputs	2
Switching capacity max. [mA]	MAX80mA
Indication	Green LED (OUT1:ON lights), red LED (OUT1:ON lights)
Display accuracy	±2% F.S. ±1digit (at ambient temperature: 25 ±3)
Display unit	kPa,Mpa,kgf/cm^2,bar,psi,inHg,mmHg,mmH_2O
Measured-value display	3% digit LED display (sample rate:5 times/s)
Measurement medium connection	F1:R1/8",M5； F2:NPT1/8",M5； F3:G1/8" (BAPP) ,M5
Voltage	12to24V DC ±10%, the peak value of continuous wave is less than 10%.
Current consumption [mA]	≤60MA
Protection level IP	IP40
Temperature effect	±2% F. S (in the temperaturerange of 0-50)
Operating temperature [°C]	Action 0-50 Save-20-60 Waterless and non-icing conditions
Weight [G]	About 67g (containing 2 meters of wires) and about 35g (including M8, 4Pin male head)