

Combined vacuum/pressure switches

Combined vacuum/pressure switches (VS-P) can measure vacuum and pressure in the range -1 to 10 bar. Due to the wide measuring range, their switching accuracy is slightly less than that of single-purpose vacuum or pressure switches.

- **Electronic vacuum/pressure switches VS-P**

are available with 2 switching outputs (digital and analogue) and can thus be used as vacuum or pressure sensors.

Planning checklist for selection of measuring and control devices

Which measuring range is required?	Vacuum only, pressure only or both? Is overpressure resistance necessary?
Which functions are needed?	Switch with a digital switching output? Switch with two digital outputs? Switch with one digital and one analogue output? With adjustable hysteresis?
Which output signals are required? How should the switch be set?	Adjustment with potentiometer? Programming with keypad? Quick setting with teach button?
What is the supply voltage and which signal voltages are needed?	Voltage range? Switching voltages for the controller? Which switching capacity is needed (switched current in mA)?
Which measuring accuracy is necessary?	Hysteresis? Repeatability? Temperature stability?
Which connection facilities exist?	Connection cable (pin assignments, material)? Interchangeability?
Which size and weight restrictions apply?	Mounting facilities? Is on-site adjustment possible?