

PRODUCT TECHNICAL BRIEF

CBVAC APS, PS and VS Vacuum Pressure Switches

CBVAC APS, PS and VS Vacuum Pressure Switches - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical and Project Information

Mechanical pressure-switch families for vacuum-system sequencing, alarms and equipment interlocks. Setpoint range, wetted materials, flange, contact rating, repeatability and temperature limit depend on the exact APS, PS or VS ordering code.

These switches provide a discrete electrical state when pressure crosses a mechanical setpoint. Typical uses include backing-vacuum permissives, valve sequencing, loss-of-vacuum alarms and process interlocks.

Selection data required

- Absolute, gauge or differential pressure reference
- Required trip point, reset point and allowable hysteresis
- Process gas and wetted-material compatibility
- Process connection and allowable proof pressure
- Contact arrangement, electrical rating and connector
- Ambient and process temperature, vibration and cycle life

The legacy source page combined APS, PS and VS values and added unsupported high-temperature and UHV variants. No single specification table is valid for all three families. Use the manufacturer datasheet for the exact ordering code and verify the trip direction by functional test after installation.

A pressure switch is suitable for control logic only within its rated category. It is not a substitute for an independent safety relief device, and a setpoint check is not automatically a legally recognized calibration.

- Helium Reference Leaks
- Scanning Electron Microscopes
- Vacuum Gauges ASAIR Vacuum Gauges CBVAC Vacuum Gauges KYKY Vacuum Gauges Meradat VIT Vacuum Gauges Quadrupole Mass Spectrometers Vacuum Gauges for Cryogenic Vessels
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- CBVAC Vacuum Gauges
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- Quadrupole Mass Spectrometers
- Vacuum Gauges for Cryogenic Vessels
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: CBVAC APS, PS and VS Vacuum Pressure Switches

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.