

PRODUCT TECHNICAL BRIEF

AGP10 Piezoresistive Absolute Pressure Gauge, 0-1000 Torr

AGP10 Piezoresistive Absolute Pressure Gauge, 0-1000 Torr - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Measurement range	0 to 1000 Torr absolute
Accuracy	$\pm 0.5\%$ full scale
Output	1-5 V DC, linear
Supply	15-24 V DC
Response time	≤ 50 ms
Vacuum connection	KF16
Body material	316L stainless steel
Electrical connector	Hirschmann-type connector stated in source record

Technical and Project Information

AGP10 absolute-pressure transducer for 0-1000 Torr using an oil-isolated piezoresistive silicon sensor. Stated accuracy: $\pm 0.5\%$ full scale; output: 1-5 V; response time: ≤ 50 ms; supply: 15-24 V DC; KF16 connection and 316L stainless-steel body. Confirm media compatibility and calibration before ordering.

This AGP10 configuration measures absolute pressure from 0 to 1000 Torr using an oil-isolated piezoresistive silicon sensor. It is intended for technical-vacuum and near-atmospheric pressure monitoring.

Typical applications include vacuum thermal chambers, autoclaves, residual-pressure monitoring, vacuum packaging, drying, degassing, metallurgy and pump stations.

The source record states factory calibration for accuracy and repeatability. Additional accredited calibration can be agreed where required. Calibration documentation is jurisdiction- and unit-specific and must be confirmed for the destination quality system.

Confirm the exact media compatibility, overpressure rating, temperature range, output pinout, fitting, installation orientation and calibration certificate before ordering. A 0-1000 Torr full-scale transducer should not be presented as a high-vacuum gauge; usable low-end resolution and uncertainty must be taken from the manufacturer documentation.

- 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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- 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: AGP10 Piezoresistive Absolute Pressure Gauge, 0-1000 Torr

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