

PRODUCT OVERVIEW

SERVOPRO AquaXact 1688

SAFE AREA



GAS	MEASURES	APPLICATION
MOISTURE	DEW POINT PPMV	PROCESS CONTROL

SENSING TECHNOLOGY

ALUMINUM OXIDE



KEY APPLICATIONS

- Air separation units
- Natural gas processing and transportation
- Glove boxes
- Instrument air units
- Ethylene production
- Refining gases
- Medical gases
- Semiconductors
- Furnace gas/heat treating
- Power generation
- Air dryers
- Pharmaceutical
- Aerospace

A FAST, ACCURATE AND RESILIENT MOISTURE MEASUREMENT SOLUTION

UNRIVALLED PERFORMANCE

- High-performance ultra-thin film high-capacitance aluminum oxide field-replaceable sensor element
- Accurate dew point measurements over its full range, even under extreme temperature conditions
- Hazardous Area versions (Zone 2/Div 2) available soon
- Sensor unaffected by condensation and liquid water

FLEXIBLE

- Interfaces with AquaXact controller via a digital interface - maximum cable length 200 meters, SERVOPRO MonoExact DF310E gas analyzer system and SERVOPRO MultiExact 4100
- Advanced communication protocols including RS485, Modbus TCP/IP and PROFIBUS
- Functions as a standalone dew point transmitter - 4-20 mA loop powered

EASY TO USE

- Intuitive-use icon driven color touchscreen for easy device interaction and configuration
- USB serial port for data logging and software upgrades
- Analyzer configurations can be easily duplicated using USB thumb drive

LOW COST OF OWNERSHIP

- Sensor element easily replaced by user
- Calibration files easily loaded eliminating the need for return-to-factory calibrations
- Yearly field calibration adjustments require only a single gas standard
- Long term storage

BENCHMARK COMPLIANCE

- Designed and verified by testing to meet the requirements of the EU EMC Directive 2014/30/EU, for Industrial, Scientific & Medical equipment
- IP65 rated connector
- CE for electromagnetic compatibility, accredited laboratory tested and certified

Learn more about the SERVOPRO AquaXact 1688

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