

Press Release

Versatile, efficient, convenient - up to 50% time savings with the new Omniport 40

The new edition of the proven, multifunctional Omniport hand-held measuring device from E+E Elektronik focuses on increasing efficiency and reducing costs at the same time, especially for applications in maintenance technology.

(Engerwitzdorf, 10.12.2024) **With the Omniport 40, E+E Elektronik is launching the new generation of its tried-and-tested hand-held measuring device. The device is characterized by a wide range of measurement options with up to seven measured variables, maximum convenience and high efficiency. The Omniport 40 is particularly suitable for applications in the areas of maintenance, process monitoring or servicing. Coupled with an integrated oil database, extensive data logging functions and user-friendly and flexible operation, the Omniport 40 is the ideal companion for demanding applications in the field or during maintenance work.**

The Omniport 40 hand-held measuring device has been redesigned both visually and technically and offers a wide range of measuring options. A large selection of hand-held and process sensors enables the recording of various parameters such as temperature, humidity, flow, dew point (down to -60° Td), moisture in oil or CO₂ - precisely and on site with just a single device. This saves time required for individual measurements. All devices are supplied with a 2.2 calibration certificate and the connected sensors can be adjusted directly via the hand-held measuring device.

Maximum convenience thanks to automatic sensor detection

The Omniport 40 enables the parallel connection and use of up to two sensors, which are automatically detected. The user benefits from maximum convenience thanks to the simple interchangeability of the sensors and the ability to record several measured variables simultaneously. This not only reduces the time required and possible sources of error, but also noticeably increases the efficiency of measurement data acquisition and analysis. In addition, the Omniport 40 offers an extensive data logging function that allows up to 1 million data records to be stored. This makes it possible to store a large amount of measurement data over a long period of time without having to export the recordings regularly. The stored data can be retrieved at any time. The high storage capacity reduces administration costs and increases the efficiency of data evaluation.

Targeted data collection through predefined measuring points

With the Omniport 40's data-collecting function, measurements can be recorded specifically at predefined measuring points. This enables structured and efficient data collection, as the user can define precise measuring points and take recurring measurements. This not only ensures the consistency of the measurement data, but

also reduces the amount of manual input required. Optimized data collection increases accuracy and helps the user to perform meaningful analyses in a time-saving manner without wasting valuable resources.

Optimum oil monitoring thanks to integrated oil library

The Omniport 40's integrated oil library enables precise monitoring of moisture in oil and water activity in different types of oil. You can access an extensive selection of oil data or add your own data to precisely take into account the specific properties of the oil used. This function ensures reliable monitoring of the oil quality, prevents potential damage, and extends the service life of the systems. At the same time, maintenance costs can be reduced thanks to the early detection of signs of wear.

All devices are supplied with a 2.2 calibration certificate and the connected sensors can be adjusted directly via the hand-held measuring device - depending on the type: 1-point, 2-point, offset or gain.

Characters (incl. spaces): 3802
Words: 574

Images



Omniport 40 - The hand-held measuring device from E+E Elektronik



The Omniport 40 offers a wide range of measuring options.

Photos: E+E Elektronik Ges.m.b.H., reprinting free of charge

Company profile

E+E Elektronik is an Austrian sensor specialist in the fields of CO₂, pressure, flow, humidity, moisture in oil, air velocity, dew point and temperature. Handheld measuring devices, humidity calibration systems and calibration services complete the comprehensive product portfolio. The aim of E+E is to support its partners in the area of energy savings and process optimization. The main applications for E+E products are in industrial measurement technology as well as HVAC and building automation.

A certified quality management system in accordance with ISO 9001 and IATF 16949 ensures the highest quality standards. E+E Elektronik is represented by its own subsidiaries in China, Germany, France, India, Italy, Korea, USA and sales partners in more than 60 countries worldwide. The accredited E+E calibration laboratory is commissioned by the Austrian Federal Office of Metrology and Surveying (BEV) to provide the national standards for humidity, dew point, air flow velocity and gas concentration CO₂.

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