



Automatikprodukter

PRESS-RELEASE

Air Health Indicator measures the indoor environment in real time

More and more people demand clean air today. Automatikprodukter, Sweden's detector QHRT 24R measures indoor air quality in real time.

Real-time data is displayed locally on the display to make people aware of air quality problems. The information is also accessible via Modbus / Internet for remote reading.

The display presents information in four different air quality levels:
BAD - POOR - FAIR - FINE with specified air quality value in ppm.

The detector reports the most important indoor air parameters; Temperature - Relative humidity - Air quality (odors and gases).

There are three analog output signals built into the detector (selectable 0-10Vdc, 0-5Vdc or 4-20mA).

The three sensors have been combined on a single circuit board mounted in an enclosure for surface mounting and connected to an electronic nose.

The nose is tested and manufactured to provide users with the most accurate value.

Great consideration has been taken to provide users with local readings as well as readings from a distance with the additional requirement that the detector must be easy to use for end users.

For remote data acquisition, Modbus and the Internet are used.

The nose uses Modbus for all communication and data transfer.

This allows the interface to be connected directly to the customer's Modbus Network e.g. for building automation.

Each nose has a unique identity and position within data collection systems. Several noses can thus be connected to the topology of a single communication loop.

End users have access to the data through their websites and can see the data for all three parameters.

Each nose can detect a surface covering 100m².

The electronic nose provides real-time monitoring and real-time control of the actual indoor climate.

Text for picture: QRHT Air Health Indicator

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