

MEASUREMENT SOLUTIONS

PRODUCTS

HYGROFLEX5 - HF5 - HVAC TRANSMITTER



HygroFlex5 - HF5 - HVAC
TRANSMITTER

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The HF5-series is the latest development in measurement transmitters for humidity, temperature and dewpoint. The HF5-series is compatible with HygroClip2 series probes with integrated AirChip3000 technology – thanks to which the probes achieve an unparalleled degree of accuracy not seen before. HygroFlex HF52, HF53, HF54 and HF56 transmitters combined with a HC2A-S advanced probe provide superb precision and state-of-the-art functionality, taking humidity and temperature measurement to a whole new level of accuracy < 0.8 %rh and < 0.1 K at 10...30 °C. One outstanding feature of this measurement device is the possibility to output any psychrometric calculation as an analogue or digital signal.

Applications of the HF5 Transmitter: Measures relative humidity and temperature and calculates all psychrometric parameters in the fields of

- Pharmaceutical industry
- Food industry
- Brick industry
- Heating, ventilation, air conditioning
- Printing and paper industries

Benefits

- HF5 transmitter measures relative humidity, temperature and dew point
- Absolute repeatability guaranteed
- Freely configurable and scalable analog outputs

Features of the HF5-series transmitters

- Relative humidity and temperature measurement
- Dew Point and other psychrometric calculations
- Interchangeable probe for easy maintenance
- Wide choice of probes to satisfy every application
- Low voltage and mains versions
- Freely scalable analogue signals
- Various digital outputs available
- Available with metal housing
- Proven housing: Robust, industrial quality housing
- Wall or duct mounting possible

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HC2-LDP Low dew point probe (https://www.rotronic.com/en-us/hc2-ldp.html)

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HC2-IS25 (<https://www.rotronic.com/en-us/hc2-is25.html>)

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HC2-C04 / HC2-C05 (<https://www.rottronic.com/en-us/hc2-c04-hc2-c05.html>)

(<https://www.rotronic.com/en-us/hc2a-sm.html>)

HC2A-SM - Stainless steel probe (<https://www.rotronic.com/en-us/hc2a-sm.html>)

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