

Comparing HUMICAP® Indigo and HMT330 Humidity and Temperature Series



Indigo HMP Series with interchangeable probes



HMT330 Series with extensive customization possibilities

PERFORMANCE & SPECIFICATIONS

| | Indigo HMP Series | HMT330 Series | Additional information |
|--------------------------------|---|------------------|------------------------------------|
| RH specified accuracy | 0,8 %RH | 1,0 %RH | At 20 °C |
| Temperature specified accuracy | 0.1 °C | 0.2 °C | At 20 °C |
| Operating temperature | -40/-20 ... +60 °C | -40/0 ... +60 °C | Limited range with display option |
| Housing | Probe body IP66 Optional Indigo housing IP65 | IP65/IP66 | HMT330 IP66 without display option |
| Operating voltage | 15-30VDC, 20-22VAC | 10-35VDC, 24VAC | Optional 100 ... 240 VAC in HMT330 |

ENSURING LONG-TERM ACCURACY

| Calibration | Indigo HMP Series | HMT330 series |
|----------------------|---|--|
| Field calibration | HM70 hand-held and smart phone | HM70 hand-held instrument and connection cable |
| Field calibration | HMK15 calibrator and graphical Insight Insight PC Software | HMK15 field calibrator and serial terminal |
| Manufacturer service | Vaisala Service Center calibrations | Vaisala Service Center calibrations |
| Probe replacement | Possibility to replace or swap the probe | Vaisala Service Center replacement |

| FEATURES | Indigo HMP Series | HMT330 Series | Additional information |
|---|-------------------|---------------|---|
| Analog outputs | Standard | Standard | Indigo201: 3 outputs, HMT330: 2 outputs |
| Factory customized and pre-set | - | Standard | HMT330 customization through order form |
| Optional probe cable lengths | - | Standard | Fixed 2, 5m or 10m high temperature tolerant cables |
| Field extendable cables | Standard | - | Freely extendable M12 cables up to 30 m |
| Control relays | Standard | Optional | 2 x control relays standard in Indigo200 series |
| Interchangeable probes | Standard | - | Plug & play, stand-alone, calibrated interchangeable probes |
| Extendable probe cable length with standard M12 cables | Standard | - | Extendable up to 30m with standard M12 cables |
| Compatibility between all Indigo probes (RH, T, CO ₂ and H ₂ O ₂) | Standard | - | GMP250 series, HPP270 series, Indigo HMP series |
| Sensor purge (composite sensor) | Standard | Optional | HumicapR2 composite sensor as standard |
| Probe heating | Standard | Optional | HMP7 (standard), HMT337 (optional) |
| RS485, (Modbus RTU) | Standard | Optional | Standard in Indigo202 & Indigo HMP probes |
| Latest generation Humicap R2 sensor | Standard | Optional | - |
| Humicap180R, Humicap180, Humicap180VHP options | - | Optional | - |
| Display | Optional | Optional | - |
| 100 ... 240 VAC power supply module | - | Optional | - |
| Data logger module | - | Optional | - |
| Isolated analog outputs | - | Optional | - |
| Ethernet (Modbus TCP/IP) | - | Optional | - |
| Fitting for protective cable conduit | - | Optional | - |
| Field replaceable sensor element | - | Optional | HMT331 and HMT333 transmitters with HUMICAP180R/HUMICAP180 sensor require calibration after replacement |

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Please contact us at
www.vaisala.com/requestinfo



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