



Vaisala Humidity and Temperature Probe HMP3

For general purpose applications, with field replaceable sensor

Valid from: February 2022

| | | Probe type | Probe cable | Sensor type | Filter type | Sensor purge | RS-485 baud rate | Data, Parity, Stop bits | Modbus address | Reserved | Installation accessory | Connection cable |
|----|---|-------------|-------------|-------------|-------------|--------------|------------------|-------------------------|----------------|----------|------------------------|------------------|
| | Order code | HMPX | 3 | A | | | | | | 0 | | |
| 1 | Probe type | | | | | | | | | | | |
| | HMP3 general purpose humidity and temperature probe | | 3 | | | | | | | | | |
| 2 | Cable length between probe head and probe body | | | | | | | | | | | |
| | 2 m | | A | | | | | | | | | |
| 3 | Sensor type | | | | | | | | | | | |
| | Humicap R2 composite sensor, allows sensor purge | | | 1 | | | | | | | | |
| | Humicap R2 sensor, no sensor purge | | | 2 | | | | | | | | |
| | Catalytic composite sensor, allows sensor purge | | | 3 | | | | | | | | |
| 4 | Filter type | | | | | | | | | | | |
| | Stainless steel mesh filter <i>spare: DRW010281SP</i> | | | | A | | | | | | | |
| | Sintered stainless steel filter <i>spare: HM47280SP</i> | | | | B | | | | | | | |
| | PPS plastic grid <i>spare: DRW010276SP</i> | | | | C | | | | | | | |
| 5 | Sensor purge, default purge interval 24h | | | | | | | | | | | |
| | 1) Purge on, composite sensor required (selection 3) | | | | | 0 | | | | | | |
| | Purge off | | | | | 1 | | | | | | |
| 6 | RS-485 baud rate | | | | | | | | | | | |
| | 1) 19200 bps | | | | | | A | | | | | |
| | 9600 bps | | | | | | B | | | | | |
| 7 | Data, Parity, Stop bits | | | | | | | | | | | |
| | 1) 8, N, 2 | | | | | | | 0 | | | | |
| | 8, E, 1 | | | | | | | 2 | | | | |
| | 8, O, 1 | | | | | | | 4 | | | | |
| 8 | Modbus address | | | | | | | | | | | |
| | 1) 240 | | | | | | | | A | | | |
| | 110 | | | | | | | | B | | | |
| | 120 | | | | | | | | C | | | |
| | 130 | | | | | | | | D | | | |
| 9 | Reserved | | | | | | | | | | | |
| | None | | | | | | | | | 0 | | |
| 10 | Probe mounting accessory | | | | | | | | | | | |
| | None | | | | | | | | | | 0 | |
| | <i>Duct installation kit</i> <i>spare: 210697</i> | | | | | | | | | | B | |
| | <i>Cable gland with split seal; for sealing the probe from the cable</i> <i>spare: HMP247CG</i> | | | | | | | | | | C | |
| | Installed to Indigo500MIK at Vaisala (order INDIGO500MIK separately with pre-installation) | | | | | | | | | | 1 | |
| 11 | Connection cable | | | | | | | | | | | |
| | None | | | | | | | | | | | 0 |
| | <i>1.5m with open wires</i> <i>spare: 223263SP</i> | | | | | | | | | | | 1 |
| | <i>10m, with open wires</i> <i>spare: 216546SP</i> | | | | | | | | | | | 2 |

1) Factory pre-set, can be changed in the field with a service cable (P/N USB2)

Probe can be connected to INDIGO series of transmitters regardless of the output configuration.

Selections in bold are included in the prices of the basic versions.

Selections in italic are available at an extra price.

Example of order code with typical settings:

| | | | | | | | | | | | | |
|---|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| For use with INDIGO transmitters | HMPX | 3 | A | 2 | A | 1 | A | 0 | A | 0 | 0 | 0 |
| For use with Modbus RTU | HMPX | 3 | A | 2 | A | 1 | A | 0 | A | 0 | 0 | 2 |