

VAISALA

Order form

Purchaser

Valid from March 2020

Order no.

HMT120 Humidity and Temperature Transmitter

|                                                       |                                                                                      | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12          | 13    |
|-------------------------------------------------------|--------------------------------------------------------------------------------------|--------|---|---|---|---|---|---|---|---|----|----|-------------|-------|
| Vaisala HUMICAP® Humidity and Temperature Transmitter |                                                                                      | HMT120 |   |   |   |   |   |   |   |   |    |    |             | Price |
| Output parameters                                     | Humidity output only                                                                 | H      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Humidity and temperature output                                                      | K      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Humidity and temperature, Catalytic sensor                                           | V      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Humidity and temperature, Plastic probe                                              | 3      |   |   |   |   |   |   |   |   |    |    |             |       |
| Transmitter type                                      | Wall mount/fixed probe                                                               | A      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Remote probe with 3 m cable                                                          | B      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Remote probe with 5 m cable                                                          | C      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Remote probe with 10 m cable                                                         | D      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Remote probe with 10 m cable + 10 m extension                                        | E      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Remote probe with 20 m cable                                                         | F      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Remote probe with 1.2 m cable                                                        | G      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Wall mount/fixed probe, HMP113 plastic probe                                         | 3      |   |   |   |   |   |   |   |   |    |    |             |       |
| Display                                               | No display                                                                           | 0      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Display                                                                              | 1      |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | No Display, no logo                                                                  | N      |   |   |   |   |   |   |   |   |    |    |             |       |
| Output signal                                         | 4...20 mA                                                                            |        |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | 2-wire loop-powered                                                                  | A      |   |   |   |   |   |   |   |   |    |    |             |       |
| Parameter for Output 1                                | RH                                                                                   |        |   |   |   |   |   |   |   |   |    |    |             | 1     |
|                                                       | Tdf                                                                                  |        |   |   |   |   |   |   |   |   |    |    |             | 2     |
|                                                       | h                                                                                    |        |   |   |   |   |   |   |   |   |    |    |             | 3     |
|                                                       | Tw                                                                                   |        |   |   |   |   |   |   |   |   |    |    |             | 4     |
|                                                       | a                                                                                    |        |   |   |   |   |   |   |   |   |    |    |             | 5     |
|                                                       | x                                                                                    |        |   |   |   |   |   |   |   |   |    |    |             | 6     |
|                                                       | Pw                                                                                   |        |   |   |   |   |   |   |   |   |    |    |             | 7     |
|                                                       | Pws                                                                                  |        |   |   |   |   |   |   |   |   |    |    |             | 8     |
|                                                       | Td                                                                                   |        |   |   |   |   |   |   |   |   |    |    |             | 9     |
|                                                       | T                                                                                    |        |   |   |   |   |   |   |   |   |    |    |             | B     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | C     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | D     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | E     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | F     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | X     |
| SPECIAL                                               | Define quantity                                                                      |        |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Scale                                                                                |        |   |   |   |   |   |   |   |   |    |    |             |       |
| Parameter for Output 2                                | RH                                                                                   |        |   |   |   |   |   |   |   |   |    |    |             | 1     |
|                                                       | None                                                                                 |        |   |   |   |   |   |   |   |   |    |    |             | A     |
|                                                       | T                                                                                    |        |   |   |   |   |   |   |   |   |    |    |             | B     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | C     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | D     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | E     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | F     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    |             | X     |
| SPECIAL                                               | Define quantity                                                                      |        |   |   |   |   |   |   |   |   |    |    |             |       |
|                                                       | Scale                                                                                |        |   |   |   |   |   |   |   |   |    |    |             |       |
| Display Units                                         | Metric                                                                               |        |   |   |   |   |   |   |   |   |    |    |             | 1     |
|                                                       | Non metric                                                                           |        |   |   |   |   |   |   |   |   |    |    |             | 2     |
| Sensor protection                                     | Plastic grid                                                                         |        |   |   |   |   |   |   |   |   |    |    |             | 1     |
|                                                       | Plastic grid with PTFE filter                                                        |        |   |   |   |   |   |   |   |   |    |    |             | 2     |
|                                                       | Stainless steel sintered filter (for remote probes only)                             |        |   |   |   |   |   |   |   |   |    |    |             | 3     |
|                                                       | Plastic grid with PFTE filter, HMP113                                                |        |   |   |   |   |   |   |   |   |    |    |             | A     |
|                                                       | Plastic grid, HMP113                                                                 |        |   |   |   |   |   |   |   |   |    |    |             | B     |
|                                                       | Teflon sintered filter,HMP113                                                        |        |   |   |   |   |   |   |   |   |    |    |             | D     |
| Transmitter installation                              | No accessories                                                                       |        |   |   |   |   |   |   |   |   |    |    |             | A     |
|                                                       | Rain shield with installation kit (215109)                                           |        |   |   |   |   |   |   |   |   |    |    |             | C     |
| Installation kit for probe                            | No accessories                                                                       |        |   |   |   |   |   |   |   |   |    |    |             | 1     |
|                                                       | Duct installation kit (215619)                                                       |        |   |   |   |   |   |   |   |   |    |    |             | 2     |
|                                                       | Probe mounting flange (226061)                                                       |        |   |   |   |   |   |   |   |   |    |    |             | 3     |
|                                                       | Outdoor installation: DTR504A Radiation Shield with probe installation kit (DTR504A) |        |   |   |   |   |   |   |   |   |    |    |             | 5     |
|                                                       | Probe mounting clamp, 1 piece (225501)                                               |        |   |   |   |   |   |   |   |   |    |    |             | 6     |
| Cable bushings                                        | Cable gland for 2...6 mm diameter cable                                              |        |   |   |   |   |   |   |   |   |    |    |             | A     |
|                                                       | Conduit fitting PG9                                                                  |        |   |   |   |   |   |   |   |   |    |    |             | B     |
|                                                       | Conduit fitting NPT 1/2"                                                             |        |   |   |   |   |   |   |   |   |    |    |             | C     |
|                                                       | No bushing (rubber plug)                                                             |        |   |   |   |   |   |   |   |   |    |    |             | D     |
|                                                       | All bushings (includes A, B, C and D)                                                |        |   |   |   |   |   |   |   |   |    |    |             | Z     |
| PC Accessories                                        | No                                                                                   |        |   |   |   |   |   |   |   |   |    |    |             | 0     |
|                                                       | Service cable for PC, USB (219685)                                                   |        |   |   |   |   |   |   |   |   |    |    |             | 1     |
| Operation manual                                      | No manual                                                                            |        |   |   |   |   |   |   |   |   |    |    |             | A     |
|                                                       | Multilingual                                                                         |        |   |   |   |   |   |   |   |   |    |    |             | Z     |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    | Total       |       |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    | QTY         |       |
|                                                       |                                                                                      |        |   |   |   |   |   |   |   |   |    |    | Total value |       |

Selections in bold are included in the prices of the basic versions  
Selections in italic are available at an extra cost

Example of order code with typical settings

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HMT120 | K | A | 0 | A | 1 | B | 1 | 1 | A | 1 | A | 0 | Z |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|

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HMT120 Temperature Transmitter

|                                                                                        |  |  |  |  |  |  |  |  |  |  |  |       |
|----------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|-------|
| 12345678910111213                                                                      |  |  |  |  |  |  |  |  |  |  |  |       |
| Vaisala HUMICAP® Temperature Transmitter HMT120 T                                      |  |  |  |  |  |  |  |  |  |  |  | Price |
| Output parameters Temperature output only T                                            |  |  |  |  |  |  |  |  |  |  |  |       |
| Transmitter type Wall mount/fixd probe A                                               |  |  |  |  |  |  |  |  |  |  |  |       |
| Remote probe with 3 m cable B                                                          |  |  |  |  |  |  |  |  |  |  |  |       |
| Remote probe with 5 m cable C                                                          |  |  |  |  |  |  |  |  |  |  |  |       |
| Remote probe with 10 m cable D                                                         |  |  |  |  |  |  |  |  |  |  |  |       |
| Remote probe with 10 m cable + 10 m extension E                                        |  |  |  |  |  |  |  |  |  |  |  |       |
| Remote probe with 20 m cable F                                                         |  |  |  |  |  |  |  |  |  |  |  |       |
| Remote probe with 1.2 m cable G                                                        |  |  |  |  |  |  |  |  |  |  |  |       |
| Display No display 0                                                                   |  |  |  |  |  |  |  |  |  |  |  |       |
| Display 1                                                                              |  |  |  |  |  |  |  |  |  |  |  |       |
| No Display, no logo N                                                                  |  |  |  |  |  |  |  |  |  |  |  |       |
| Output signal 4...20 mA 2-wire loop-powered A                                          |  |  |  |  |  |  |  |  |  |  |  |       |
| Parameter for Output 1 T                                                               |  |  |  |  |  |  |  |  |  |  |  |       |
| -40...+60 °C (-40...+140 °F) B                                                         |  |  |  |  |  |  |  |  |  |  |  |       |
| -20...+80 °C (-4...+176 °F) C                                                          |  |  |  |  |  |  |  |  |  |  |  |       |
| 0...+60 °C (+32...+140 °F) D                                                           |  |  |  |  |  |  |  |  |  |  |  |       |
| -40...+80 °C (-40...+176 °F) E                                                         |  |  |  |  |  |  |  |  |  |  |  |       |
| 0...+50 °C (+32...+122 °F) F                                                           |  |  |  |  |  |  |  |  |  |  |  |       |
| SPECIAL Quantity T Scale X                                                             |  |  |  |  |  |  |  |  |  |  |  |       |
| Parameter for Output 2 None A                                                          |  |  |  |  |  |  |  |  |  |  |  |       |
| Display Units Metric 1                                                                 |  |  |  |  |  |  |  |  |  |  |  |       |
| Non metric 2                                                                           |  |  |  |  |  |  |  |  |  |  |  |       |
| Sensor protection Plastic grid 1                                                       |  |  |  |  |  |  |  |  |  |  |  |       |
| Plastic grid with PTFE filter 2                                                        |  |  |  |  |  |  |  |  |  |  |  |       |
| Stainless steel sintered filter (for remote probes only) 3                             |  |  |  |  |  |  |  |  |  |  |  |       |
| Teflon sintered filter for HMP110 DRW244938SP E                                        |  |  |  |  |  |  |  |  |  |  |  |       |
| Transmitter installation No accessories A                                              |  |  |  |  |  |  |  |  |  |  |  |       |
| Rain shield with installation kit (215109) C                                           |  |  |  |  |  |  |  |  |  |  |  |       |
| Installation kit for probe No accessories 1                                            |  |  |  |  |  |  |  |  |  |  |  |       |
| Duct installation kit (215619) 2                                                       |  |  |  |  |  |  |  |  |  |  |  |       |
| Probe mounting flange (226061) 3                                                       |  |  |  |  |  |  |  |  |  |  |  |       |
| Outdoor installation: DTR504A Radiation Shield with probe installation kit (DTR504A) 5 |  |  |  |  |  |  |  |  |  |  |  |       |
| Probe mounting clamp, 1 piece (225501) 6                                               |  |  |  |  |  |  |  |  |  |  |  |       |
| Cable bushings Cable gland for 2...6 mm diameter cable A                               |  |  |  |  |  |  |  |  |  |  |  |       |
| Conduit fitting PG9 B                                                                  |  |  |  |  |  |  |  |  |  |  |  |       |
| Conduit fitting NPT 1/2" C                                                             |  |  |  |  |  |  |  |  |  |  |  |       |
| No bushing (rubber plug) D                                                             |  |  |  |  |  |  |  |  |  |  |  |       |
| All bushings (includes A, B, C and D) Z                                                |  |  |  |  |  |  |  |  |  |  |  |       |
| PC Accessories No 0                                                                    |  |  |  |  |  |  |  |  |  |  |  |       |
| Service cable for PC, USB (219685) 1                                                   |  |  |  |  |  |  |  |  |  |  |  |       |
| Operation manual No manual A                                                           |  |  |  |  |  |  |  |  |  |  |  |       |
| Multilingual Z                                                                         |  |  |  |  |  |  |  |  |  |  |  |       |
| Total                                                                                  |  |  |  |  |  |  |  |  |  |  |  |       |
| QTY                                                                                    |  |  |  |  |  |  |  |  |  |  |  |       |
| Total value                                                                            |  |  |  |  |  |  |  |  |  |  |  |       |

Selections in bold are included in the prices of the basic versions  
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Example of order code with typical settings

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HMT120 | T | A | 0 | A | B | A | 1 | 1 | A | 1 | A | 0 | Z |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|