VAISALA

**Order form** | **Valid from January 2014**
Orderer ____________________ Order no. ____________________

## DMT346 Dewpoint Transmitter

**With passive cooling for very hot processes**

| | Vaisala DRYCAP® Dewpoint Transmitter | | Code | PRICE |
|---|---|---|---|---|
| | | | DMT340 6 _ 0 K _ _ _ _ _ _ 1 _ _ _ _ _ 2 D 6 _ _ C 0 | |
| 1 | **Transmitter type** | **DMT346** | **6** | |
| 2 | **Probe cable length** | **2 m cable** | **P** | |
| | | *5 m cable* | Q | |
| | | *10 m cable* | R | |
| 3 | **-** | **-** | **0** | |
| 4 | **Measurement parameters** | **Dewpoint + mixing ratio (+ SSR + Ts)*** | **K** | |
| 5 | **Display** | **No display** | **0** | |
| | | *Graphical display with keypad* | 1 | |
| 6 | **Power supply** | **10...35 VDC, 24 VAC** | **A** | |
| | | *10...35 VDC, 24 VAC with galvanic isolation for outputs* | B | |
| | | *Universal AC -power (100....240 VAC)* | C | |
| | | *Universal AC -power (100....240 VAC) + US -power cord* | D | |
| | | *Universal AC -power (100....240 VAC) + EUR -power cord* | E | |
| | | *Universal AC -power (100....240 VAC) + UK -power cord* | F | |
| | | *Universal AC -power (100....240 VAC) + AUS -power cord* | G | |
| | | *External US AC-adapter (for LAN/WLAN interface in USA)* Not IP65 | K | |
| 7 | **Analog output** | **4... 20 mA** | **1** | |
| | | **0... 20 mA** | **2** | |
| | | **0... 1 V** | **3** | |
| | | **0... 5 V** | **4** | |
| | | **0... 10 V** | **5** | |
| 8 | **Analog output** | **No 3rd analog output** | Ch3: **A** | |
| 9 | **parameter and scaling** | **Dewpoint (0...+100 °C)** **( +32...+212 °F)** | Ch1: **1** Ch2: **1** Ch3: **1** | |
| 10 | **for Ch1&Ch2& Ch3** | **Mixing ratio (0...1000g/kg)** **(0...7000gr/lbs)** | Ch1: **2** Ch2: **2** Ch3: **2** | |
| | **SPECIAL** | **Define parameter (unit) for Ch1:_______________(_____) Ch2:_______________(_____)** | Ch1: **X** Ch2: **X** Ch3: **X** | |
| | | **Define scale for Ch1:_____________________ Ch2:_____________________** | | |
| | | **Channel 1** / **Channel 2** / *Channel 3, choose A, if not needed* | | |
| 11 | **Operating pressure** | **ambient** | **1** | |
| 12 | **Output units** | **Metric units** | **A** | |
| | | **Non-metric units** | **B** | |
| 13 | **Additional feature** | **None** | **0** | |
| | | *Alarm Relay Output* | 1 | |
| | | *RS-485 Serial Interface with Galvanic Isolation* | 2 | |
| | | *LAN (ethernet) interface + 2 m cable (RJ45)* | 4 | |
| | | *WLAN (wireless ethernet) interface + antenna* | 5 | |
| | | *Data Logging Module* | 6 | |
| 14 | **Additional feature 2** | **None** | **0** | |
| | | *Alarm Relay Output* | 1 | |
| | | *3rd analog output* — *Choose also analog output parameter and scale for Ch3* | 3 | |
| | | *Data Logging Module* — *Not possible if the data logger module has already been chosen in item 13* | 6 | |
| 15 | **Interface cable connection** | **Cable gland (for 8...11 mm cable)** **(for 0.315...0.433 inch cable)** | **1** | |
| | | **Conduit fitting for wire conduit (NPT1/2")** | **2** | |
| | | *Connector (M12, 8 pin) and Plug with 5m Black Cable* | 3 | |
| | | *Connector (M12, 8 pin) and Plug for User's Cable* | 4 | |
| 16 | **Transmitter housing installation** | **Wall Mounting** | **A** | |
| | | *Wall Mounting with Quick Installation or on Junction Boxes* | B | |
| | | *Pipe/Pole Installation* | C | |
| | | *Pipe/Pole Installation with Rain Shield for Outdoor Installations* | D | |
| | | *DIN-Rail Installation* | E | |
| 17 | **Sensor** | **DRYCAP®180S** | **2** | |
| 18 | **Sensor Protection** | **Stainless steel sintered filter for cooling set** | **D** | |
| 19 | **Probe installation accessories** | **With cooling set** | **6** | |
| 20 | **User's guide** | **None** | **A** | |
| | | **English** | **K** | |
| | | **Japanese** | **N** | |
| 21 | **PC accessories** | **None** | **0** | |
| | | *MI70LINK software for Windows® with RS232 service cable* | 2 | |
| | | *MI70LINK software for Windows® with USB service cable* | 4 | |
| 22 | **Calibration** | **Standard Calibration with NIST traceable certificate** | **C** | |
| 23 | **Service contract** | **None** | **0** | |
| | | | TOTAL | |
| | | | QTY | |
| | | | TOTAL VALUE | |

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

*Selections in italic are available at an extra price.*

* Sensor saturation rate (SSR) is a parameter describing the relative humidity at the sensor ( the margin to condense). Ts is the temperature at the sensor. These parameters do not give information on the humidity or temperature of the process.

**Example of order code with typical settings:**

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DMT340 | 6 | P | 0 | K | 1 | A | 1 | 1 | 2 | A | 1 | A | 0 | 0 | 1 | A | 2 | D | 6 | K | 0 | C | 0 | |

End customer: ________________________________________


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