VAISALA

Order form
Orderer

Valid from May 2008
Order no.

DMT342 Dewpoint and Temperature Transmitter

With Small Size Flanged Probe for Use with Sampling Cell

No.	Item	Selection	Details	Note	Code	PRICE
	Vaisala DRYCAP® Dewpoint and Temperature Transmitter			**DMT340**	**2 _ 0 … 1 … A**	
1	**Transmitter type**	**DMT342**			**2**	
2	**Probe cable length**	**2 m cable (6.6 ft)**			**B**	
		5 m cable (16.4 ft)			C	
		10 m cable (32.8 ft)			D	
3	**-**	-			**0**	
4	**Measurement parameters**	**Dewpoint + ppm + mixing ratio**		**(For T= -40...80 ℃)**	**A**	
		Dewpoint + ppm + mixing ratio + relative humidity + temperature		**(For T= 0...80 ℃)**	**B**	
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 Td/f (-80...+20 ℃)**	**(-112...+68 ℉)**		Ch1: **B**, Ch2: **B**, Ch3: B	
10	**for Ch1&Ch2(&Ch3)**	**Dewpoint Td/f (-60...+20 ℃)**	**(-76. ..+68 ℉)**		Ch1: **C**, Ch2: **C**, Ch3: C	
		Dewpoint Td/f (-50...+50 ℃)	**(-58...+122℉)**		Ch1: **D**, Ch2: **D**, Ch3: D	
		Temperature (0...+80 ℃)	**(+32...+176 ℉)**		Ch1: **E**, Ch2: **E**, Ch3: E	
		PPMv (0...1000 ppm)		**only for channel 1**	Ch1: **G**	
		PPMw (0...1000 ppm)		**only for channel 1**	Ch1: **H**	
		Mixing ratio (0...30 g/kg d.a)	**(0...210 gr/lbs)**		Ch1: **J**, Ch2: **J**, Ch3: J	
		Relative humidity (0...100 %RH)			Ch1: **K**, Ch2: **K**, Ch3: K	
	SPECIAL	**Define parameter (unit) for Ch1:_______(_____) Ch2:______(_____) Optional Ch3:________(_____)**			Ch1: **X**, Ch2: **X**, Ch3: X	
		Define scale for Ch1:_____________ Ch2:_____________ Optional Ch3:______________				
				Channel 1		
				Channel 2		
				Channel 3, choose A, if not needed		
11	**Operating pressure**	**1 bar (abs)**	**(14.5 psi abs)**		**1**	
		3 bar	**(43.5)**		**2**	
		5 bar	**(72.5)**		**3**	
		7 bar	**(101.5)**		**4**	
		9 bar	**(130.5)**		**5**	
		special (max 50 bar / 725 psi)*	**____________(bar / psi)(abs)**		**X**	
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® 180M**			**1**	
18	**Sensor protection**	**Sintered stainless steel filter**			**A**	
		Stainless steel filter for vacuum			**B**	
19	**Probe installation accessories**	**None**			**0**	
		Sampling cell (HMP302SC)			1	
20	**User's guide**	**None**			**A**	
		English			**B**	
		German			**C**	
		French			**D**	
		Japanese			**J**	
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**			**A**	
23	**Service contract**	**None**			**0**	
		3 years contract for recalibration every 1 year			1	
		3 years contract for recalibration every 1 year and repair			2	
		6 years contract for recalibration every 2 years			3	
		6 years contract for recalibration every 2 years and repair			4	
					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.

*Measuring in pressures above 20 bara (290 psia) sets requirements on the operating voltage.
Please consult Vaisala sales

Example of order code with typical settings:

DMT340	2	B	0	B	1	A	1	B	E	A	1	A	0	0	1	A	1	A	1	B	2	A	1

End customer: ______________________________

VAISALA

Order form
Orderer ____________________

Valid from May 2008
Order no. ____________________

DMT344 Dewpoint and Temperature Transmitter

For Pressurized Processes

No.	Item	Selection	Notes	Code	PRICE
	Vaisala DRYCAP® Dewpoint and Temperature Transmitter			**DMT340 4 _ 0 _ _ _ _ _ _ _ _ _ _ _ 1 _ _ _ _ A _**	
1	**Transmitter type**	**DMT344**		**4**	
2	**Probe cable length**	**2 m cable (6.6 ft)**		**H**	
		5 m cable (16.4 ft)		J	
		10 m cable (32.8 ft)		K	
3	**-**	-		**0**	
4	**Measurement parameters**	**Dewpoint + ppm + mixing ratio**	**(For T= -40...80 °C)**	**A**	
		Dewpoint + ppm + mixing ratio + relative humidity + temperature	**(For T= 0...80 °C)**	**B**	
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 Td/f (-80...+20 °C)**	**(-112...+68 °F)**	**B B** B	
10	**for Ch1&Ch2(&Ch3)**	**Dewpoint Td/f (-60...+20 °C)**	**(-76. ..+68 °F)**	**C C** C	
		Dewpoint Td/f (-50...+50 °C)	**(-58...+122°F)**	**D D** D	
		Temperature (0...+80 °C)	**(+32...+176 °F)**	**E E** E	
		PPMv (0...1000 ppm)	**only for channel 1**	**G**	
		PPMw (0...1000 ppm)	**only for channel 1**	**H**	
		Mixing ratio (0...30 g/kg d.a)	**(0...210 gr/lbs)**	**J J** J	
		Relative humidity (0...100 %RH)		**K K** K	
	SPECIAL	**Define parameter (unit) for Ch1:______(____) Ch2:_____(____) Optional Ch3:_______(____)**		**X X** X	
		Define scale for Ch1:__________ Ch2:__________ Optional Ch3:__________			
			Channel 1 / Channel 2 / Channel 3, choose A, if not needed		
11	**Operating pressure**	**1 bar (abs)**	**(14.5 psi abs)**	**1**	
		3 bar	**(43.5)**	**2**	
		5 bar	**(72.5)**	**3**	
		7 bar	**(101.5)**	**4**	
		9 bar	**(130.5)**	**5**	
		special (max 50 bar / 725 psi)*	**__________(bar / psi)(abs)**	**X**	
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® 180M**		**1**	
18	**Sensor protection**	**Sintered stainless steel filter**		**A**	
		Stainless steel filter for vacuum		**B**	
19	**Probe installation accessories**	**Fitting body M22 x 1.5**		**2**	
		Fitting body NPT1/2"		**3**	
20	**User's guide**	**None**		**A**	
		English		**B**	
		German		**C**	
		French		**D**	
		Japanese		**J**	
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**		**A**	
23	**Service contract**	**None**		**0**	
		3 years contract for recalibration every 1 year		1	
		3 years contract for recalibration every 1 year and repair		2	
		6 years contract for recalibration every 2 years		3	
		6 years contract for recalibration every 2 years and repair		4	
				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.

*Measuring in pressures above 20 bara (290 psia) sets requirements on the operating voltage.
Please consult Vaisala sales

Example of order code with typical settings:

DMT340	4	H	0	B	1	A	1	B	E	A	1	A	0	0	1	A	1	A	2	B	2	A	1

End customer: ____

VAISALA

Order form
Orderer

Valid from May 2008
Order no.

DMT347 Dewpoint and Temperature Transmitter

With Small Pressure-tight Probe

No.	Vaisala DRYCAP® Dewpoint and Temperature Transmitter				Code (DMT340 7 _ 0 _ _ _ _ _ _ _ _ _ _ _ _ 1 _ _ _ _ A _)	PRICE
1	**Transmitter type**	**DMT347**			**7**	
2	**Probe cable length**	**2 m cable (6.6 ft)**			**S**	
		5 m cable (16.4 ft)			T	
		10 m cable (32.8 ft)			U	
3	**-**	-			**0**	
4	**Measurement parameters**	**Dewpoint + ppm + mixing ratio**		**(For T= -40...80 °C)**	**A**	
		Dewpoint + ppm + mixing ratio + relative humidity + temperature		**(For T= 0...80 °C)**	**B**	
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**			A (Ch3)	
9	**parameter and scaling**	**Dewpoint Td/f (-80...+20 °C)**	**(-112...+68 °F)**		**B B** B	
10	**for Ch1&Ch2(&Ch3)**	**Dewpoint Td/f (-60...+20 °C)**	**(-76. ..+68 °F)**		**C C** C	
		Dewpoint Td/f (-50...+50 °C)	**(-58...+122 °F)**		**D D** D	
		Temperature (0...+80 °C)	**(+32...+176 °F)**		**E E** E	
		PPMv (0...1000 ppm)		**only for channel 1**	**G**	
		PPMw (0...1000 ppm)		**only for channel 1**	**H**	
		Mixing ratio (0...30 g/kg d.a)	**(0...210 gr/lbs)**		**J J** J	
		Relative humidity (0...100 %RH)			**K K** K	
	SPECIAL	**Define parameter (unit) for Ch1:_______(_____) Ch2:______(_____) Optional Ch3:________(_____)**			**X X** X	
		Define scale for	**Ch1:_____________ Ch2:_____________ Optional Ch3:______________**			
				Channel 1		
				Channel 2		
				Channel 3, choose A, if not needed		
11	**Operating pressure**	**1 bar (abs)**	**(14.5 psi abs)**		**1**	
		3 bar	**(43.5)**		**2**	
		5 bar	**(72.5)**		**3**	
		7 bar	**(101.5)**		**4**	
		9 bar	**(130.5)**		**5**	
		special (max 50 bar / 725 psi)*	**_____________(bar / psi)(abs)**		**X**	
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® 180M**			**1**	
18	**Sensor protection**	**Sintered stainless steel filter**			**A**	
		Stainless steel filter for vacuum			**B**	
19	**Probe installation accessories**	*Swagelok connector ISO 3/8"*			4	
		Swagelok connector NPT 1/2"			5	
		Swagelok connector ISO 1/2"			K	
20	**User's guide**	**None**			**A**	
		English			**B**	
		German			**C**	
		French			**D**	
		Japanese			**J**	
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**			**A**	
23	**Service contract**	**None**			**0**	
		3 years contract for recalibration every 1 year			1	
		3 years contract for recalibration every 1 year and repair			2	
		6 years contract for recalibration every 2 years			3	
		6 years contract for recalibration every 2 years and repair			4	
					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.

*Measuring in pressures above 20 bara (290 psia) sets requirements on the operating voltage.
Please consult Vaisala sales

Example of order code with typical settings:

DMT340	7	S	0	B	1	A	1	B	E	A	1	A	0	0	1	A	1	A	4	B	2	A	1

End customer: ______________________________

VAISALA

Order form Orderer ______________________

Valid from May 2008 Order no. ______________________

DMT348 Dewpoint and Temperature Transmitter

For Pressurized Pipelines

No.	Vaisala DRYCAP® Dewpoint and Temperature Transmitter			DMT340 8 _ 0 _ _ _ _ _ _ _ _ _ _ _ 1 _ _ _ _ A _	PRICE
1	**Transmitter type**	**DMT348**		**8**	
2	**Probe cable length**	**2 m cable (6.6 ft) for standard probe**		**V**	
		5 m cable (16.4 ft) for standard probe		W	
		10 m cable (32.8 ft) for standard probe		X	
		2 m cable (6.6 ft) for long probe		1	
		5 m cable (16.4 ft) for long probe		2	
		10 m cable (32.8 ft) for long probe		3	
3	**-**	-		**0**	
4	**Measurement parameters**	**Dewpoint + ppm + mixing ratio**	**(For T= -40...80 °C)**	**A**	
		Dewpoint + ppm + mixing ratio + relative humidity + temperature	**(For T= 0...80 °C)**	**B**	
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 Td/f (-80...+20 °C)**	**(-112...+68 °F)**	**B B** B	
10	**for Ch1&Ch2(&Ch3)**	**Dewpoint Td/f (-60...+20 °C)**	**(-76. ..+68 °F)**	**C C** C	
		Dewpoint Td/f (-50...+50 °C)	**(-58...+122 °F)**	**D D** D	
		Temperature (0...+80 °C)	**(+32...+176 °F)**	**E E** E	
		PPMv (0...1000 ppm)	**only for channel 1**	**G**	
		PPMw (0...1000 ppm)	**only for channel 1**	**H**	
		Mixing ratio (0...30 g/kg d.a)	**(0...210 gr/lbs)**	**J J** J	
		Relative humidity (0...100 %RH)		**K K** K	
	SPECIAL	**Define parameter (unit) for Ch1:_______(_____) Ch2:______(_____) Optional Ch3:________(_____)**		**X X** X	
		Define scale for Ch1:_____________ Ch2:_____________ Optional Ch3:_____________			
			Channel 1 / Channel 2 / Channel 3, choose A, if not needed		
11	**Operating pressure**	**1 bar (abs)**	**(14.5 psi abs)**	**1**	
		3 bar	**(43.5)**	**2**	
		5 bar	**(72.5)**	**3**	
		7 bar	**(101.5)**	**4**	
		9 bar	**(130.5)**	**5**	
		special (max 50 bar / 725 psi)*	**____________(bar / psi)(abs)**	**X**	
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® 180M**		**1**	
18	**Sensor protection**	**Sintered stainless steel filter**		**A**	
		Stainless steel filter for vacuum		**B**	
19	**Probe installation accessories**	**Fitting body R 1/2" ISO with leak screw**		**A**	
		Fitting body R 1/2" ISO (no leak screw)		**B**	
		Fitting body NPT1/2" (no leak screw)		**C**	
		Two fitting bodies: R 1/2" ISO with leak screw + NPT1/2"		D	
		Sampling cell (DMT242SC)		E	
		Sampling cell with swagelok connectors (DMT242SC2)		F	
		Ball valve set for pressurized pipelines		G	
		Flange for duct installation		H	
20	**User's guide**	**None**		**A**	
		English		**B**	
		German		**C**	
		French		**D**	
		Japanese		**J**	
21	**PC accessory**	**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**		**A**	
23	**Service contract**	**None**		**0**	
		3 years contract for recalibration every 1 year		1	
		3 years contract for recalibration every 1 year and repair		2	
		6 years contract for recalibration every 2 years		3	
		6 years contract for recalibration every 2 years and repair		4	
				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.

*Measuring in pressures above 20 bara (290 psia) sets requirements on the operating voltage.
Please consult Vaisala sales

Example of order code with typical settings:

DMT340	8	V	0	B	1	A	1	B	E	A	1	A	0	0	1	A	1	A	G	B	2	A	1

End customer: ____