VAISALA

Order form
Orderer

Valid from September 2009
Order no.

DMT342 Dewpoint and Temperature Transmitter

With Small Size Flanged Probe for Use with Sampling Cell

	Vaisala DRYCAP® Dewpoint and Temperature Transmitter		**DMT340**	**2 0 1 A 0**
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 °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**
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**	**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**

PRICE

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

TOTAL
QTY
TOTAL VALUE

*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	0

End customer: _____

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DMT344 Dewpoint and Temperature Transmitter

For Pressurized Processes

	Vaisala DRYCAP® Dewpoint and Temperature Transmitter		**DMT340**	**4 0 1 A 0**	PRICE
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**			**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**	

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TOTAL
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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	0

End customer: _____

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Orderer

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DMT347 Dewpoint and Temperature Transmitter

With Small Pressure-tight Probe

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VAISALA

Order form
Orderer

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Valid from September 2009
Order no.

_____

DMT348 Dewpoint and Temperature Transmitter

For Pressurized Pipelines

| Vaisala DRYCAP® Dewpoint and Temperature Transmitter | | |