



Order form
Orderer

Valid from April 2021
Order no.

DMT342 Dewpoint and Temperature Transmitter With Small Size Flanged Probe for Use with Sampling Cell

Vaisala DRYCAP® Dewpoint and Temperature Transmitter	DMT342	2	0																		1			A	0	PRICE		
1 Transmitter type	DMT342	2																										
2 Probe cable length	2 m cable		B																									
	5 m cable		C																									
	10 m cable		D																									
3 -	-		0																									
4 Measurement parameters	Dewpoint + ppm + mixing ratio Dewpoint + ppm + mixing ratio + relative humidity + temperature Td/f, PPM, x, a, RH, T, Td, Td/f atm, Td atm, aNTP, pw, pws, h, dT			(For T= -40...80 °C)	A																							
				(For T= 0...80 °C)	B																							
				(For T at 0...80°C)	C																							
5 Display	No display Graphical display with keypad			0																								
				1																								
6 Power supply	10...35 VDC, 24 VAC 10...35 VDC, 24 VAC with galvanic isolation for outputs Universal AC -power (100...240 VAC) Universal AC -power (100...240 VAC) + US -power cord Universal AC -power (100...240 VAC) + EUR -power cord Universal AC -power (100...240 VAC) + UK -power cord Universal AC -power (100...240 VAC) + AUS -power cord External US AC-adapter (for LAN interface in USA)			Not IP65	K																							
					A																							
					B																							
					C																							
					D																							
					E																							
					F																							
					G																							
7 Analog output	4... 20 mA 0... 20 mA 0... 1 V 0... 5 V 0... 10 V			1 2 3 4 5																								
8 Analog output	No 3rd analog output																											
9 parameter and scaling	Dewpoint Td/f (-80...+20 °C) (-112...+68 °F)		B	B																								
10 for Ch1&Ch2(&Ch3)	Dewpoint Td/f (-60...+20 °C) (-76...+68 °F)		C	C																								
	Dewpoint Td/f (-50...+50 °C) (-58...+122 °F)		D	D																								
	Temperature (0...+80 °C) (+32...+176 °F)		E	E																								
	PPMw (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																								
	Relative humidity (0...100 %RH)		K	K																								
SPECIAL	Define parameter (unit) for Ch1: () Ch2: () Ch3: () Define scale for Ch1: Ch2: Ch3:		X	X																								
		Channel 1																										
		Channel 2																										
		Channel 3, choose A, if not needed																										
11 Operating pressure	1 bar (abs) (14.5 psi abs) 3 bar (43.5) 5 bar (72.5) 7 bar (101.5) 9 bar (130.5) special (max 50 bar / 725 psi) * (bar / psi)(abs)			1 2 3 4 5 X																								
12 Output units	Metric units Non-metric units				A B																							
13 Additional feature	None Alarm relay output RS-485 serial interface with galvanic isolation Data Logging Module			0 1 2 6																								
14 Additional feature 2	None Alarm relay output 3rd analog output Data Logging Module	Choose also analog output parameter and scale for Ch3 Not possible if the data logger module has already been chosen in item 13		0 1 3 6																								
15 Interface cable connection	Cable gland (for 8...11 mm cable) (for 0.315...0.433 inch cable) Conduit fitting for wire conduit (NPT1/2") Connector (M12, 8 pin) and plug with 5m black cable Connector (M12, 8 pin) and plug for user's cable			1 2 3 4																								
16 Transmitter housing installation	Wall mounting Wall mounting with quick installation or on junction boxes Pipe/pole installation Pipe/pole installation with rain shield for outdoor installations DIN-rail installation				A B C D E																							
17 Sensor	DRYCAP® 180M																											
18 Sensor protection	Sintered stainless steel filter Stainless steel filter for vacuum				A B																							
19 Probe installation accessories	None Sampling cell (HMP302SC)			0 1																								
20 User's guide	None English German pdf user's guides available at: www.vaisala.com/dmt340 French Japanese				A B C D J																							
21 PC accessories	None MITOLINK software for Windows® with RS232 service cable USB service cable (spare: 219685)			0 2 3																								
22 Calibration	Standard calibration with NIST traceable certificate	service item for calibration: 223299																										
23 Service contract	None				A																							

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:



Order form
Orderer _____

Valid from April 2021
Order no. _____

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			H																									
	5 m cable			J																									
	10 m cable			K																									
3 -	-		0																										
4 Measurement parameters parameters	Dewpoint + ppm + mixing ratio																												
	Dewpoint + ppm + mixing ratio + relative humidity + temperature	(For T= -40...80 °C)		A																									
	Td/f, PPM, x, a, RH, T, Td, Td/f atm, Td atm, aNTP, pw, pws, h, dT	(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 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 parameter and scaling for Ch1&Ch2&Ch3	No 3rd analog output																											
9 parameter and scaling for Ch1&Ch2&Ch3	Dewpoint Td/f (-80...+20 °C)	(-112...+68 °F)		B																									
	Dewpoint Td/f (-60...+20 °C)	(-76...+68 °F)		C																									
	Dewpoint Td/f (-50...+50 °C)	(-58...+122 °F)		D																									
	Temperature (0...+80 °C)	(+32...+176 °F)		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																									
	Relative humidity (0...100 %RH)			K																									
	Define parameter (unit) for Ch1: _____ Ch2: _____ Ch3: _____			X																									
	Define scale for Ch1: _____ Ch2: _____ Ch3: _____			X																									
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																									
	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																									
	M70LINK software for Windows® with RS232 service cable			2																									
	USB service cable (spare: 219685)			3																									
22 Calibration	Standard calibration with NIST traceable certificate																												
23 Service contract	None			0																									

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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 | **4** | **H** | **0** | **B** | **1** | **A** | **1** | **B** | **E** | **A** | **1** | **A** | **0** | **1** | **A** | **1** | **A** | **2** | **B** | **2** | **A** | **0**

End customer: _____



Order form
Orderer

Valid from April 2021
Order no.

DMT348 Dewpoint and Temperature Transmitter
For Pressurized Pipelines

Vaisala DRYCAP® Dewpoint and Temperature Transmitter					DMT348	8	0														1							A	0	PRICE		
1	Transmitter type	DMT348				8																										
2	Probe cable length	2 m cable for standard probe 5 m cable for standard probe 10 m cable for standard probe 2 m cable for long probe 5 m cable for long probe 10 m cable for long probe 15 m cable for long probe		V W X 1 2 3 9																												
3	-						0																									
4	Measurement parameters parameters	Dewpoint + ppm + mixing ratio Dewpoint + ppm + mixing ratio + relative humidity + temperature Td/ff, PPM, x, a, RH, T, Td, Td/ff atm, Td atm, aNTP, pw, pws, h, dT		(For T = -40...80 °C) (For T = 0...80 °C) (For T at 0...80 °C)	A B C																											
5	Display	No display Graphical display with keypad					0 1																									
6	Power supply	10...35 VDC, 24 VAC 10...35 VDC, 24 VAC with galvanic isolation for outputs Universal AC-power (100...240 VAC) Universal AC-power (100...240 VAC) + US-power cord Universal AC-power (100...240 VAC) + EUR-power cord Universal AC-power (100...240 VAC) + UK-power cord Universal AC-power (100...240 VAC) + AUS-power cord External US AC-adaptor (for LAN interface in USA)		A B C D E F G K																												
7	Analog output	4...20 mA 0...20 mA 0...1 V 0...5 V 0...10 V		1 2 3 4 5																												
8	Analog output	No 3rd analog output																														
9	parameter and scaling	Dewpoint Td/ff (-80...+20 °C) Dewpoint Td/ff (-60...+20 °C) Dewpoint Td/ff (-50...+50 °C) Temperature (0...+80 °C) PPMv (0...1000 ppm) PPMw (0...1000 ppm) Mixing ratio (0...30 g/kg d.a.) Relative humidity (0...100 %RH)		(-112...+68 °F) (-76...+68 °F) (-58...+122 °F) (+32...+176 °F)	B B C C D D E E																											
10	SPECIAL	Define parameter (unit) for Ch1: () Ch2: () Ch3: () Define scale for Ch1: Ch2: Ch3: Channel 1 Channel 2 Channel 3, choose A, if not needed		only for channel 1 only for channel 1	G G H H J J K K X X X																											
11	Operating pressure	1 bar (abs) 3 bar 5 bar 7 bar 9 bar special (max 50 bar / 725 psi)*		(14.5 psi abs) (43.5) (72.5) (101.5) (130.5) _____ (bar / psi)(abs)	1 2 3 4 5 X																											
12	Output units	Metric units Non-metric units			A B																											
13	Additional feature	None Alarm relay output RS-485 serial interface with galvanic isolation Data Logging Module			0 1 2 6																											
14	Additional feature 2	None Alarm relay output 3rd analog output Data Logging Module		Choose also analog output parameter and scale for Ch3 Not possible if the data logger module has already been chosen in item 13	0 1 3 6																											
15	Interface cable connection	Cable gland (for 8...11 mm cable) Conduit fitting for wire conduit (NPT1/2") Connector (M12, 8 pin) and plug with 5m black cable Connector (M12, 8 pin) and plug for user's cable		(for 0.315...0.433 inch cable)	1 2 3 4																											
16	Transmitter housing installation	Wall mounting Wall mounting with quick installation or on junction boxes Pipe/pole installation Pipe/pole installation with rain shield for outdoor installations DIN-rail installation			A B C D E																											
17	Sensor	DRYCAP® 180M			1																											
18	Sensor protection	Sintered stainless steel filter Stainless steel filter for vacuum			A B																											
19	Probe installation accessories	Fitting body R 1/2" ISO with leak screw Fitting body R 1/2" ISO (no leak screw) Fitting body NPT1/2" (no leak screw) Two fitting bodies: R 1/2" ISO with leak screw + NPT1/2" Sampling cell (DMT242SC) Sampling cell with swagelok connectors (DMT242SC2) Ball valve set for pressurized pipelines Flange for duct installation			A B C D E F G H																											
20	User's guide	None English German pdf user's guides available at: www.vaisala.com/dmt340		French Japanese	A B C D J																											
21	PC accessory	None MITOLINK software for Windows® with RS232 service cable USB service cable (spare: 219685)			0 2 3																											
22	Calibration	Standard calibration with NIST traceable certificate		service item for calibration: 223299	A																											
23	Service contract	None			0																											

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TOTAL
QTY
TOTAL VALUE

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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 0

End customer: