



Order form
Orderer

Valid from May 2008
Order no.

ESIS Pty Ltd
Ph 02 9481 7420 www.esis.com.au
Fax 02 9481 7267
PO Box 450, Pennant Hills NSW 2120

DMT347 Dewpoint and Temperature Transmitter
With Small Pressure-tight Probe

Vaisala DRYCAP® Dewpoint and Temperature Transmitter			DMT347	7	0															1		A		PRICE	
1	Transmitter type	DMT347		7																					
2	Probe cable length	2 m cable (6.6 ft) 5 m cable (16.4 ft) 10 m cable (32.8 ft)				S																			
3	-	-			0																				
4	Measurement parameters	Dewpoint + ppm + mixing ratio Dewpoint + ppm + mixing ratio + relative humidity + temperature																				A B			
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/WLAN 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																					A		
9	parameter and scaling	Dewpoint Tdiff (-80...+20 °C) (-112...+68 °F)																					B B		
10	for Ch1&Ch2&Ch3	Dewpoint Tdiff (-60...+20 °C) (-76...+68 °F) Dewpoint Tdiff (-50...+50 °C) (-58...+122 °F) Temperature (0...+80 °C) (+32...+176 °F) PPMv (0...1000 ppm) PPMw (0...1000 ppm) Mixing ratio (0...30 g/kg d.a) (0...210 gr/lbs) Relative humidity (0...100 %RH) SPECIAL Define parameter (unit) for Ch1: () Ch2: () Optional Ch3: () Define scale for Ch1: Ch2: Optional Ch3:																					C C C D D D E E E G H J J J K K K X X X		
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 LAN (ethernet) interface + 2 m cable (RJ45) WLAN (wireless ethernet) interface + antenna Data Logging Module																					0 1 2 4 5 6		
14	Additional feature 2	None Alarm relay output 3rd analog output Data Logging Module																					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 DBT-nail 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	Swagelok connector ISO 3/8" Swagelok connector NPT 1/2" Swagelok connector ISO 1/2"																					4 5 K		
20	User's guide	None English German French Japanese																					A B C D J		
21	PC accessories	None MITOLINK software for Windows® with RS232 service cable MITOLINK software for Windows® with USB service cable																						0 2 4	
22	Calibration	Standard calibration with NIST traceable certificate																						A	
23	Service contract	None 3 years contract for recalibration every 1 year 3 years contract for recalibration every 1 year and repair 6 years contract for recalibration every 2 years 6 years contract for recalibration every 2 years and repair																						0 1 2 3 4	
<p>Selections in bold are included in the prices of the basic versions. Selections in <i>italic</i> are available at an extra price.</p>																								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:

DMT347 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:



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PO Box 450, Pennant Hills NSW 2120

DMT348 Dewpoint and Temperature Transmitter
For Pressurized Pipelines

Vaisala DRYCAP® Dewpoint and Temperature Transmitter		DMT348	8	0															1			A		PRICE
1	Transmitter type	DMT348																						
2	Probe cable length	2 m cable (6.6 ft) for standard probe 5 m cable (16.4 ft) for standard probe 10 m cable (32.8 ft) for standard probe 2 m cable (6.6 ft) for long probe 5 m cable (16.4 ft) for long probe 10 m cable (32.8 ft) for long probe	V W X 1 2 3																					
3	-	-		0																				
4	Measurement parameters	Dewpoint + ppm + mixing ratio (For T = -40...80 °C) Dewpoint + ppm + mixing ratio + relative humidity + temperature (For T = 0...80 °C)	A B																					
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/WLAN 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						A																
9	parameter and scaling for Ch1&Ch2&Ch3	Dewpoint TdI (-80...+20 °C) (-112...+68 °F) Dewpoint TdI (-80...+20 °C) (-76...+68 °F) Dewpoint TdI (-80...+50 °C) (-98...+122 °F) Temperature (0...+80 °C) PPMw (0...1000 ppm) PPMw (0...1000 ppm) Mixing ratio (0...30 g/kg d.a.) (0...210 g/lbs) Relative humidity (0...100%RH) Define parameter (unit) for Ch1: () Ch2: () Optional Ch3: () Define scale for Ch1: () Ch2: () Optional Ch3: ()	B C C D D E E G H J J K K K X X X X																					
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 LAN (ethernet) interface + 2 m cable (RJ45) WLAN (wireless ethernet) interface + antenna Data Logging Module	0 1 2 4 5 6																					
14	Additional feature 2	None Alarm relay output 3rd analog output Data Logging Module	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	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 French Japanese	A B C D J																					
21	PC accessory	None MITOLINK software for Windows® with RS232 service cable MITOLINK software for Windows® with USB service cable	0 2 4																					
22	Calibration	Standard calibration with NIST traceable certificate																				A		
23	Service contract	None 3 years contract for recalibration every 1 year 3 years contract for recalibration every 1 year and repair 6 years contract for recalibration every 2 years 6 years contract for recalibration every 2 years and repair	0 1 2 3 4																					

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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:
DMT348 8 V 0 B 1 A 1 1 B E A 1 1 A 0 0 1 1 A 1 A G B 2 A 1

End customer: _____