VAISALA

DMT340 Series Dewpoint and Temperature Transmitters

for Very Dry Conditions



Features

- Measures dew point from

 -70 ... +80 °C (-94 ... +176 °F) with an accuracy of ±2 °C (±3.6 °F)
- Condensation-resistant
- Unique auto-calibration feature maintains accuracy over long term
- Compatible with Vaisala DRYCAP® Hand-Held Dewpoint Meter DM70
- Traceable calibration to measurements and analog outputs (certificates included)
- Graphical display and keypad for convenient operation
- Optional alarm relays and mains power supply module
- Up to three analog outputs, RS-232/485, LAN
- Modbus protocol support (RTU/ TCP)

Vaisala DRYCAP® Dewpoint and Temperature Transmitter Series DMT340 is designed for industrial low-humidity applications such as industrial drying, compressed air systems, semiconductor industry, dry rooms, baking ovens, and metal heat treatment.

Vaisala DRYCAP® Sensor Benefits

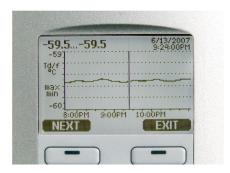
- Accurate and reliable measurement
- Excellent long-term stability
- Fast response time
- Resistant to environmental factors and condensation

Stability at Low Dew Points

The Vaisala DRYCAP® sensor is immune to particulate contamination, water condensation, oil vapor, and most chemicals. The sensor is condensation resistant and recovers perfectly if exposed to liquid water. Fast reaction time and stability make its performance unmatched also in dynamic and low dew point applications.

Graphical Display of Measurement Data and Trends for Convenient Operation

The DMT340 features a large numerical and graphical display with a multilingual menu and keypad. It allows users to easily monitor operational data, measurement trends, and access measurement history for the past 12 months.



The display shows measurement trends, real-time data, and measurement history.

Versatile Outputs and Data Collection

The DMT340 can support up to three isolated analog outputs. Optional AC mains power and relay outputs are also available.

In addition to the analog outputs, the DMT340 supports Modbus RTU and TCP/IP communication protocol.

The data logger, with real-time clock and battery backup, guarantees reliable logging of measurement data for over four years. The display alarm allows tracking of any measured parameter, with freely configurable low and high limits. The recorded data can be viewed on the local display or transferred to a PC with Microsoft Windows® software. The transmitter can also be connected to a network with an optional LAN interface, which enables an Ethernet connection. A

USB service cable makes it easy to connect the DMT340 to a PC via the service port for modifying settings or reading logged data.

Easy Installation

With multiple options to choose from, the instrument can be tailored to meet the specific needs of each individual application and is delivered installation-ready and pre-configured for each delivery. Quick delivery time and global service network make DMT340 a perfect choice for any project.



The Vaisala DRYCAP® Hand-Held Dewpoint Meter DM70 is ideal for fieldchecking DMT340 transmitters.

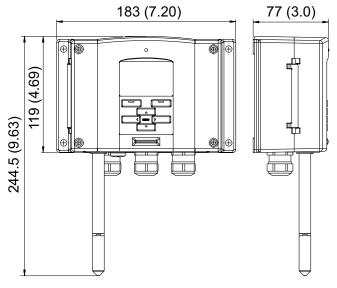
	DMT342	DMT344	DMT347	DMT348
Pressure range	0 50 bar/0 725 psia	0 50 bar/0 725 psia	0 10 bar/0 145 psia	0 40 bar/0 580 psia
Mechanical durability	up to 250 bar/ 3625 psia	up to 100 bar/1450 psia	up to 10 bar/145 psia	up to 70 bar/1015 psia
Probe diameter	12 mm/0.5 in	12 mm/0.5 in	12 mm/0.5 in	12 mm/0.5 in
Installation	Flange 36 mm/1.4 in	Fitting body M22 x 1.5 Fitting body NPT 1/2 in	Fitting body R 3/8 in ISO Fitting body G 1/2 in ISO Fitting body NPT 1/2 in	Fitting body R1/2 in ISO Fitting body NPT 1/2 in
Ball-valve set				BALLVALVE-1
Sampling cell	HMP302SC			DMT242SC or DMT242SC2

DMT340 Series Dewpoint and Temperature Transmitters for Very Dry Conditions

DMT341 for Installations in Dry Spaces



DMT341 display shows measurement trends, real-time data, and measurement history. DMT341 is made for installations in dry rooms where the entire dew point transmitter needs to be inside the dry space. The concept is easy to clean and suitable also for cleanrooms.

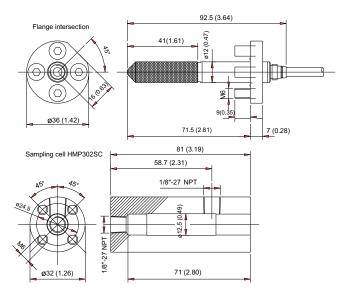


DMT341 dimensions in mm (inches)

DMT342 with Small Size Flanged Probe



The DMT342 probe is installed using a flange or sampling cell. The small probe is ideal for integration into larger equipment or applications with high pressures.



DMT342 dimensions in mm (inches)

DMT344 with Probe for High Pressures



The DMT344 features a threaded connection for extended pressures with different fitting-body options. It is ideal for permanent installation into pressurized or vacuum processes.

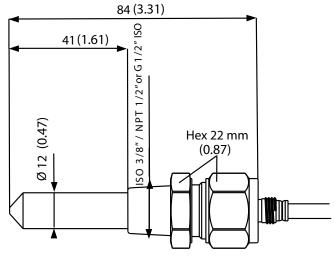
41 (1.61) 120 (4.72) 170 (6.69)

DMT344 dimensions in mm (inches)

DMT347 with Small-Sized Probe



The DMT347 probe is ideal for pressurized or vacuum applications in tight spaces. The small probe is installed using Swagelok® connectors.

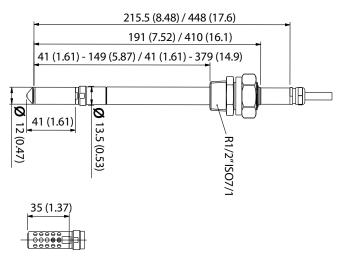


DMT347 dimensions in mm (inches)

DMT348 with Probe for Pipeline Installations



The DMT348 is ideal for installation into pressurized or vacuum processes where the probe needs to be able to be removed while the process is running. The probe depth is adjustable.



Optional filter for low pressures, suitable for all models, dimensions in mm (inches). Optional filter provides faster gas exchange to the sensor in applications where protection from particulates is not needed.

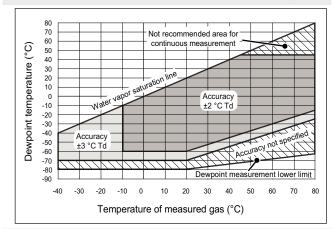
DMT340 Series Technical Data

Measurement Performance

Dew Point

Sensor	Vaisala DRYCAP® 180M
Measurement range	-70 +80 °C (-94 +176 °F) T _d
Measurement range for continuous use	-70 +45 °C (-94 +113 °F) T _d
Accuracy up to 20 bar/290 psia	±2 °C/±3.6 °F (see the accuracy graph below)

Accuracy, 20 ... 50 bar/290 ... 725 psia additional inaccuracy +1 °C T_d



Dew Point Accuracy vs. Measurement Conditions

Response time	63% [90%] at +20 °C gas temperature
T63 [T90] response times at 20 °C and	1 I/min flow:
-6020 °C T _d (-764 °F T _d)	5 s [10 s]
-20 -60 °C T ₊ (-4 -76 °F T ₊)	45 s [10 min]

Temperature

-	
Measurement range	0 +80 °C (+32 +176 °F)
Accuracy	±0.2 °C at room temperature
Temperature sensor	Pt100 RTD Class F0.1 IEC 60751

Relative Humidity

Measurement range $0 \dots 70 \text{ %RH}$ Accuracy (RH <10 %RH, at + 20 °C) $\pm 0.004 \text{ %RH} + 20\%$ of reading

Concentration by Volume (ppm)

 $\begin{tabular}{ll} Measurement range (typical) & 10 \dots 2500 ppm \\ Accuracy (at + 20 °C, 1 bar) & 1 ppm + 20\% of reading \\ \end{tabular}$

Other measurement parameters available (model-dependent): mixing ratio, absolute humidity, pressure dew point calculated to 1 bar, temperature difference (T-Td), water vapor pressure

Operating Environment

Operating temperature for probes	-40 +80 °C (-40 +176 °F)
Mechanical durability	up to +180 °C (+356 °F)
Mechanical durability of transmitter body	40 +60 °C (-40 +140 °F)
Mechanical durability with display	0 +60 °C (+32 +140 °F)
Storage temperature range	-55 +80 °C (-67 +176 °F)
Pressure range for probes	see probe specifications
Sample flow rate	no effect
Measured gases	non-corrosive gases
Electromagnetic compatibility	Complies with EMC standard EN61326-1, Industrial environment

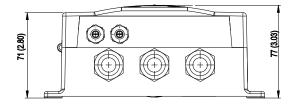
Note: Transmitter with display test impedance of 40 Ω is used in IEC61000-4-5 (Surge immunity)

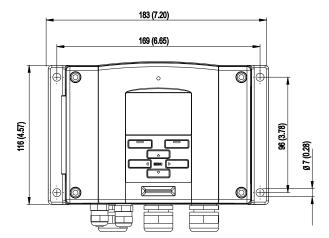
Inputs and Outputs

Operating voltage	10 35 VDC, 24 VAC ±20 %
with optional power supply module	100 240 VAC 50/60 Hz
Power Consumption at 20 °C (U _{in} 24VD	(C)
RS-232	max. 25 mA
U _{out} 2 x 0 1V / 0 5 V / 0 10 V	max. 25 mA
I _{out} 2 x 0 20 mA	max. 60 mA
display and backlight	+ 20 mA
during sensor purge	max. + 110 mA
Analog Outputs (2 Standard, 3rd Optio	nal)
current output	0 20 mA, 4 20 mA
voltage output	0 1 V, 0 5 V, 0 10 V
Accuracy of analog outputs at 20 °C	0.05% full scale
Temperature dependence of the analog outputs	± 0.005%/°C full scale
External Loads	
current outputs	RL < 500 Ω
0 1 V output	RL > 2 kΩ
0 5 V and 0 10V outputs	RL > 10 kΩ
Wire size	0.5 2.5 mm2 (AWG 20 14) stranded wires recommended
Digital outputs	RS-232, RS-485 (optional)
Protocols	ASCII commands, Modbus RTU
Service connection	RS-232, USB
Relay outputs	0.5 A, 250 VAC, SPDT (optional)
Ethernet Interface (Optional)	
Supported standards	10BASE-T, 100BASE-TX
Connector	8P8C (RJ45)
IPv4 address assignment	DHCP (automatic), static
Protocols	Telnet, Modbus TCP/IP
WLAN Interface (Optional)	DHCP (automatic), static
Supported standards	802.11b
Antenna connector type	RP-SMA
IPv4 address assignment	
Protocols	Telnet, Modbus TCP/IP
Security	WEP 64/128, WPA 2/802.11i
Authentication / Encryption (WLAN)	Open / no encryption Open / WEP WPA Pre-shared key / TKIP WPA Pre-shared key / CCMP (a.k.a. WPA2)

Optional Data Logger with Real-Time

Clock	
Logged parameters	max. three with trend/min./max. values
Logging interval	10 sec. (fixed)
Max. logging period with max. temporal resolution	4 years, 5 months
Logged points	13.7 million points per parameter
Battery lifetime	min. 5 years
Display	LCD with backlight, graphical trend display of any parameter
Menu languages	English, Chinese, Finnish, French, German, Japanese, Russian, Spanish, Swedish





Dimensions in mm (inches)

Mechanical Specifications

Cable bushing	M20x1.5 for cable diameter 8 11mm/ 0.31 0.43"
Conduit fitting	1/2" NPT
User cable connector (optional)	M12 series 8-pin (male)
option 1	female plug with 5 m (16.4 ft.) black cable
option 2	female plug with screw terminals
USB-RJ45 Serial Connection Cable	219685
Probe cable diameter	5.5 mm
Standard probe cable lengths	2 m, 5 m, or 10 m
(Additional cable lengths available, s	ee order forms for details)
Housing material	G-AlSi 10 Mg (DIN 1725)
Housing classification	IP66 IP65 (NEMA4X) with local display
Weight (depending on selected probe, cable and modules)	1.0 - 3.0 kg







Valid from March 2017 Order no.

DMT341 Dewpoint and Temperature Transmitter

For wall mounting

Vaisala DRYCAP® Dewpoint and 1	emperature Transmitter		DMT340 1	0								1			Α	0	PRICE
1 Transmitter type	DMT341		1														
2 Probe cable length	Wall mounting probe			5													
3 -	-			0													
4 Measurement parameters	Dewpoint + ppm + mixing ratio		(For T= -4080 °C)	-													
parameters	Dewpoint + ppm + mixing ratio + relative	numidity + temperature	(For T= 080 °C	C) E	:												
	Td/f, PPM, x, a, RH, T, Td, Td/f atm, Td atm	n, aNTP, pw, pws, h, dT	(For T at 080'C) (⊣												
5 Display	No display				0												
	Graphical display with keypad				1												
6 Power supply	1035 VDC, 24 VAC				E												
	1035 VDC, 24 VAC with galvanic isolation I	or outputs			(
	Universal AC -power (100240 VAC) Universal AC -power (100240 VAC) + US	names and			Ĺ												
	Universal AC -power (100240 VAC) + EUF				E												
	Universal AC -power (100240 VAC) + LUI				F												
	Universal AC -power (100240 VAC) + AUS				(
	External US AC-adapter (for LAN/WLAN inte		Not IP65		F	<											
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 ℃)	(-112+68 °F)					B B C C	B C									
10 for Ch1&Ch2(&Ch3)	Dewpoint Td/f (-60+20 °C)	(-76+68 °F)					D D	D									
	Dewpoint Td/f (-50+50 ℃)	(-58+122°F) (+32+176 °F)					EE	E									
	Temperature (0+80 °C) PPMv (01000 ppm)	(102110 1)	only for channe	al 1			G	_									
	PPMw (01000 ppm)		only for channe				н										
	Mixing ratio (030 g/kg d.a)	(0210 gr/lbs)	, ·				JJ	J									
	Relative humidity (0100 %RH)	, ,					кк	K									
SPECIAL	Define parameter (unit) for Ch1:(_) Ch2:() Ch3:_	()				хх	X									
	Define scale for Ch1:	Ch2: Ch3:	<u> </u>														
			Channel 1														
			Channel 2 Channel 3, choo	A '6		4-4											
11 Operating pressure	1 bar (abs)	(14.5 psi abs)	Channer 3, choc	ISE A, II I	ioi riee	иеи											
12 Output units	Metric units	(Tito por abo)							Α								
·	Non-metric units								В								
13 Additional feature	None								(
	Alarm relay output								1								
	RS-485 serial interface with galvanic isolation								2								
	LAN (ethernet) interface + 2 m cable (RJ45)								4								
14 Additional feature 2	Data Logging Module None								6	0							
14 Additional leature 2	Alarm relay output									1							
	3rd analog output	Choose also analog output para	ameter and scale for Ch3							3							
	Data Logging Module	Not possible if the data logger n		chosen ir	item 1	3				6							
15 Interface cable connection	Cable gland (for 811 mm cable)	(for 0.3150.433 inch cable)	•								1						
	Conduit fitting for wire conduit (NPT1/2")										2						
	Connector (M12, 8 pin) and plug with 5m blad										3						
	Connector (M12, 8 pin) and plug for user's ca	able									4						
16 Transmitter housing	Wall mounting										A						
installation	Wall mounting with quick installation or on jur	ction boxes									В						
	Pipe/pole installation Pipe/pole installation with rain shield for outdo	an installations									C D						
		ior installations									E						
17 Sensor	DIN-rail installation DRYCAP® 180M											1					
18 Sensor protection	Sintered stainless steel filter											Ϋ,	Δ				
19 Probe installation	None												0				
accessories																	
20 User's guide	None													Α			
	English													В			
	German													С			
pdf user's guides available at:	French													D			
www.vaisala.com/dmt340	Japanese													J			
21 PC accessories	None MI70LINK software for Windows® with RS23	2 service cable												2			
	MI70LINK software for Windows® with USB													2			
22 Calibration	Standard calibration with NIST traceable of		service item for	calibratio	n: 2232	299									A		
23 Service contract	None		-													0	
	re included in the prices of the basic version	ns.	 							-				-	TO		
Selections in italic are	available at an extra price.															YTC	

ivieasuring in pressures above	zu bara (zeu psia) sets requirements	on the operating	voitage.
Please consult Vaisala sales				

Example of order code with typical settings:

DMT340	1	5	0	Α	1	Α	1	В	Ε	Α	1	Α	0	0	1	Α	1	Α	0	В	4	Α	0

End customer:



Order form	Valid from March 2017
Orderer	Order no.

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

Valanta DDVOAD® Dawn alast and i	TT		DMT340 2 0				1	П	ТТ	Λ 0	DDIOF
Vaisala DRYCAP® Dewpoint and 1 Transmitter type	DMT342		2						\pm		PRICE
2 Probe cable length	2 m cable		В								
	5 m cable		c								
	10 m cable		D								
3 -											
4 Measurement parameters	Dewpoint + ppm + mixing ratio		(For T= -4080 °C) A								
parameters	Dewpoint + ppm + mixing ratio + relative hi		(For T= 080 °C) B								
	Td/f, PPM, x, a, RH, T, Td, Td/f atm, Td atm,		(For T at 080'C) C								
5 Display	No display			0							
	Graphical display with keypad			1							
6 Power supply	1035 VDC, 24 VAC			Α							
	1035 VDC, 24 VAC with galvanic isolation for	or outputs		В							
	Universal AC -power (100240 VAC)			С							
	Universal AC -power (100240 VAC) + US -	power cord		D							
	Universal AC -power (100240 VAC) + EUR			E							
	Universal AC -power (100240 VAC) + UK -			F							
	Universal AC -power (100240 VAC) + AUS			G							
	External US AC-adapter (for LAN/WLAN inter-	face in USA)	Not IP65	К							
7 Analog output	4 20 mA 0 20 mA			1 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)			в в в						
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 ℃)	(+32+176 °F)			E E E						
	PPMv (01000 ppm)		only for channel 1		G						
	PPMw (01000 ppm)		only for channel 1		н						
	Mixing ratio (030 g/kg d.a)	(0210 gr/lbs)			J J J						
SPECIAL	Relative humidity (0100 %RH)	\ O+0:			к к к х х х						
SPECIAL	Define parameter (unit) for Ch1:(Define scale for Ch1:() Ch2:() Ch3: Ch2: Ch3:	/		x x x						
	Define Source (S)		Channel 1								
			Channel 2								
			Channel 3, choose A, if n	ot 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 5						
	9 bar special (max 50 bar / 725 psi)*	(130.5) (bar / psi)(abs)			X						
12 Output units	Metric units	(55 \$5.)(55.)				A					
	Non-metric units					В					
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					
	Data Logging Module					6					
14 Additional feature 2	None Alarm relay output					0					
	3rd analog output	Choose also analog output parame	ator and ecolo for Ch2			3					
	Data Logging Module	Not possible if the data logger mod		itom 12		6					
15 Interface cable connection	Cable gland (for 811 mm cable)	(for 0.3150.433 inch cable)	ule has already been chosen in	Rem 10		U	1				
	Conduit fitting for wire conduit (NPT1/2")	(2				
	Connector (M12, 8 pin) and plug with 5m black	k cable					3				
	Connector (M12, 8 pin) and plug for user's call						4				
16 Transmitter housing	Wall mounting						Α				
installation	Wall mounting with quick installation or on junc	ction boxes					В				
	Pipe/pole installation						C				
	Pipe/pole installation with rain shield for outdoo	or installations					D E				
17 Sensor	DIN-rail installation DRYCAP® 180M										
18 Sensor protection	Sintered stainless steel filter							_ 			
, control protection	Stainless steel filter for vacuum							В			
19 Probe installation	None							0			
accessories	Sampling cell (HMP302SC)							1			
20 User's guide	None								Α		
	English								В		
and consider a college and	German								С		
pdf user's guides available at: www.vaisala.com/dmt340	French Japanese								J D		
21 PC accessories	None								ᆁ		
	MI70LINK software for Windows® with RS232	? service cable							2		
	MI70LINK software for Windows® with USB s								4		
22 Calibration	Standard calibration with NIST traceable co	ertificate	service item for calibration	n: 223299						Α	
23 Service contract	None									0	+
	re included in the prices of the basic versions	s.							Т	OTAL	
Selections in italic are	available at an extra price.								OTAL	QTY	
									OTAL V	ALUE	1

*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	Valid from March 2017
Orderer	Order no.

DMT344 Dewpoint and Temperature Transmitter

For Pressurized Processes

Vaisala DRYCAP® Dewpoint and	Tamparatura Transmittar		DMT340 4	0	ПТ		Т		T	1	T	П	TT	A 0	PRICE
Transmitter type	DMT344		4				+	11	+	tt			##		THIOL
2 Probe cable length	2 m cable		Н	4											
3 .	5 m cable		J												
	10 m cable		K												
3 -	-			0											
4 Measurement parameters	Dewpoint + ppm + mixing ratio		(For T= -4080 °C)	А											
parameters	Dewpoint + ppm + mixing ratio + relative hi	umidity + temperature	(For T= 080 °C	C) B											
	Td/f, PPM, x, a, RH, T, Td, Td/f atm, Td atm,	aNTP, pw, pws, h, dT	(For T at 080°C)	С											
5 Display	No display				0										
	Graphical display with keypad				1										
6 Power supply	1035 VDC, 24 VAC				A										
	1035 VDC, 24 VAC with galvanic isolation for	or outputs			В										
	Universal AC -power (100240 VAC)				С										
	Universal AC -power (100240 VAC) + US -				D										
	Universal AC -power (100240 VAC) + EUR				E										
	Universal AC -power (100240 VAC) + UK -				F G										
	Universal AC -power (100240 VAC) + AUS		Not IP65		K										
7 Analog output	External US AC-adapter (for LAN/WLAN inter 4 20 mA	race in USA)	140(11 03		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)					В								
10 for Ch1&Ch2(&Ch3)	Dewpoint Td/f (-60+20 °C)	(-76+68 °F)					0								
	Dewpoint Td/f (-50+50 °C)	(-58+122°F)				D D									
	Temperature (0+80 °C)	(+32+176 °F)				EE	E								
	PPMv (01000 ppm)		only for channe			G									
	PPMw (01000 ppm)		only for channe	d 1		Н									
	Mixing ratio (030 g/kg d.a)	(0210 gr/lbs)					J								
SPECIAL	Relative humidity (0100 %RH) Define parameter (unit) for Ch1:() Ch2:() Ch3:	()				κ x								
SPECIAL			()			^ ^	^								
	Define Scale for	Onz Ono	Channel 1												
			Channel 2												
			Channel 3, choo	se A, if no	t 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)					Х								
12 Output units	Metric units							В							
13 Additional feature	Non-metric units None							В							
13 Additional leature	Alarm relay output							1							
	RS-485 serial interface with galvanic isolation							2							
	LAN (ethernet) interface + 2 m cable (RJ45)							4							
	Data Logging Module							6							
14 Additional feature 2	None								0						
	Alarm relay output								1						
	3rd analog output	Choose also analog output para							3						
	Data Logging Module	Not possible if the data logger m	odule has already been cl	hosen in it	tem 13				6						
15 Interface cable connection	Cable gland (for 811 mm cable)	(for 0.3150.433 inch cable)							1						
	Connector (M12. 8 pip) and plug with 5m blog	k ooblo							2 3						
	Connector (M12, 8 pin) and plug with 5m blac Connector (M12, 8 pin) and plug for user's cal								4						
16 Transmitter housing	Wall mounting	JIO							4	_ A					
installation	Wall mounting with quick installation or on jun	ction boxes								В					
	Pipe/pole installation									C					
	Pipe/pole installation with rain shield for outdo	oor installations								D					
	DIN-rail installation								_	Ε					
17 Sensor	DRYCAP® 180M	-	-							1	1				
18 Sensor protection	Sintered stainless steel filter										Α				
	Stainless steel filter for vacuum										В				
19 Probe installation	Fitting body M22 x 1.5											2			
accessories 20 User's guide	Fitting body NPT1/2" None											3			
20 Oser s guide	None English											Α.			
	German											B C			
pdf user's guides available at:	French											D			
www.vaisala.com/dmt340	Japanese											.1			
21 PC accessories	None												0		
	MI70LINK software for Windows® with RS232	? service cable											2		
	MI70LINK software for Windows® with USB s	ervice cable											4		
22 Calibration	Standard calibration with NIST traceable co	ertificate	service item for c	calibration.	: 223299									Α	
23 Service contract	None													0	
	are included in the prices of the basic versions												T	OTAL	
Selections in italic a	re available at an extra price.													QTY	

*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 0

End customer:



Order form	Valid from March 2017
Orderer	Order no.

DMT347 Dewpoint and Temperature Transmitter With Small Pressure-tight Probe

Transmitter type	sala DRYCAP® Dewpoint and			DMT340 7 0	+++		+	1		₩,	A 0	PRICE
Simple S				7								
Committee Comm	Probe cable length											
Manuscript parameters Despute Spate militing ratio Despute Despu												
Management parameters Designed a spin nitring ratio February Febru				U								
Personal Specified Speci				0								
Total PML x, 18 ht 7, 15 for time from mark pain, with your pain, and your pain of the display o					A							
Total	parameters											
Country of states and interest with support Country of the part Country of the par	Dii		anir, pw, pws, n, di	(FOTT BLUOU C)	_							
15.1 STOC_2 ST	Display											
1.0	n											
Manage AC Context (100	ower supply											
Conversed AC power (100200 Mol (1-00_power cod 0 0 0 0 0 0 0 0 0			outputs									
Montand Copyright (100_200 ML) 4 - EMP operar and EMP												
Manuscra AC power (100, 300 Mod 2 - 10K power cost File Manuscra AC power (100, 300 Mod 2 - 10K power cost File Manuscra AC power (100, 300 Mod 2 - 10K power cost File Manuscra AC Ma												
Montand AC preser (100, 360 Mol AL ALS power or (20) Not IPS K												
Entered Life Accordance for LAVOVI												
Marked postport				Not IP65								
Description Tel (4630° C) (-17246° F)	Analog output		ace in USA)	140111 00	1							
C	manog output				,							
C												
C												1
Name of early completed in a completed in a completed in a completed in a complete in												1
Description Tel (4000 C) (-11200 F)	inalog output				3							1
Or Child ACROS(ACRS) Despect milet (400280 °C) (7.86489 °C) (7.86489 °C) C C C C C C C C C C C C C C C C C C C			(-112+68 °F)									1
Despote that (1-0019 C) (-30122 P)												1
Temperature (CL -80 C)												1
PREVIOL.1000 ppm) only for channel 1 of PPRIVIOL.1000 ppm) PRIVIOL.1000 ppm) only for channel 1 of PPRIVIOL.1000 ppm) only for channel 1 of PPRIVIOL.1000 ppm (0.20 gribby) only for channel 1 of PPRIVIOL.1000 ppm (0.20 gribby) only for channel 1 of PPRIVIOL.1000 ppm (0.20 ppm												1
PPMW (C1000 ppm)				only for channel 1								1
Mining rate 0030 gkg d.a)												1
Relative humidity (0100 / 3/Hb)			(0210 gr/lbs)	,								1
PECIAL Define parameter (unit) or Ch1: Ch2: Ch3: X X X X X X X X X						- - -						
Define scale for Ch1:	PECIAL) Ch2:() Ch3:	_()								
Charmel 2 Charmel 2 Charmel 3 Shar (pt bits) (14.5 pal abb) (17.5 pal abb												
The second 1 bar (alba) (14.5 psi alba) (14.5 psi alba) (14.5 psi alba) 1 3 3 bar (4.5.5) 2 3 5 bar (7.2.5) 3 4 9 bar (10.1.5)				Channel 1								
Channel 3, chocase A, if not needed 1 3 3 tar (4.0.5) (14.5 pal abbo) (1.5 pa				Channel 2								
Share (43.5) 2					f not needed	<u> </u>						
Shar (72.5) 3	perating pressure	1 bar (abs)	(14.5 psi abs)			1						
Thur		3 bar	(43.5)			2						
9 bar (130.5)		5 bar	(72.5)			3						
special (max 50 bar /725 pai)* (bar / pal/laba) X Non-metric units Metric units Non-metric units No		7 bar	(101.5)			4						
Metric units Metric units Non-metric uni		9 bar	(130.5)			5						
Modifional feature None Alarm roley output R5-485 serail interface with galvanic isolation		special (max 50 bar / 725 psi)*	(bar / psi)(abs)			x						
Additional feature None Alarm relay output RS-44S serial interface with galvanic isolation Alarm relay output RS-44S serial interface with galvanic isolation 2 decided and the serial solation of the serial	Output units	Metric units				A						
Alarm relay output RS-485 serial interface with galvanic isolation LAV (eithermet) interface + 2 m cable (R-45) Data Logging Module Alarm relay output Connector (M12.8 pin) and puts with Shabek cable Connector (M12.8 pin) and puts or user's cable Alarm relation Wall mounting with quick installation or or junction boxes Bensor DRY-CARP 150M Wall installation Diliv-ral installation DRY-CARP 150M Statiness steef litter or vacuum Bensor DRY-CARP 150M Statiness steef litter or vacuum Bensor ORY-CARP 150M Statiness steef litter or vacuum Bensor		Non-metric units				В	.					
RS-485 serial interface with galvanic isolation LAN (enhannel) interface + 2 m cable (PLMS) Data Logging Module None Alarm relay output Choose also analog output parameter and scale for Ch3 3 at analog output Choose also analog output parameter and scale for Ch3 3 at analog output Conduit fitting for wire conduit (PTT12") Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Connector (MT.2, 8 pin) and plug with min black cable Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield for outdoor installations Division in stallation with rain shield	Additional feature	None					· 1					
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Data Logging Module Airm relay output Airm relay output Airm relay output Air analog output Choose also analog output parameter and scale for Ch3 Jata Logging Module Not possible if the data logger module has already been chosen in item 13 Conditifiting for wire conduit (NETT) Connector (M12,8 pin) and play gint sends cable Connector (M12,8 pin) and play gint sends ca												
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Alarm relay output 3rd analog output 3rd analog output 3rd analog output 4 Choose also analog output parameter and scale for Ch3 3 Jail Logging Module Not possible if the data logger module has already been chosen in item 13 6 Jail Logging Module Not possible if the data logger module has already been chosen in item 13 6 Jail Logging Module Connector (M12, 8 pin) and plug with 5m black cable Connector (M12, 8 pin) and plug with 5m black cable Connector (M12, 8 pin) and plug with 5m black cable Connector (M12, 8 pin) and plug for user's cable Vall mounting Wall mounting with quick installation or on junction boxes Pipe pole installation with rain shield for outdoor installations DiN-rail installation DIN-rail installation DIN-rail installation Stainless steel filter DIN-rail installation Stainless steel filter for vacuum A B B German C C C German C C												
Sate 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 Data Logging Module Not possible if the data logger module has already been chosen in item 13 6 Data Logging Module Not possible if the data logger module has already been chosen in item 13 6 Data Logging Module (NPT1/2") 2 Connector (M12, 8 pin) and plug with 5 m black cable 3 3 Connector (M12, 8 pin) and plug with 5 m black cable 4 A Data Moduling All mounting with a moduling All mounting with quick installation or on junction boxes Pipe pipe installation with rain shield for outdoor installations Different installation with rain shield for outdoor installations Elemant Installation Statistics and Installation with rain shield for outdoor installations Elemant Installation Statistics attend filter for vacuum B B Company of the Connector ISO 318" A Data Managelok connector ISO 312" A	dditional feature 2											1
The transport of the position of the data logger module has already been chosen in item 13												
Interface cable connection Cable gland (for 811 mm cable) (for 0.3150.433 inch cable) Conduct fitting for wire conduit (NPT1(2') Connector (M12, 8 pin) and plug wift 5m black cable Connector (M12, 8 pin) and plug for user's cable Transmitter housing Wall mounting with quick installation or ni junction boxes Pipe ploe installation Wall mounting with quick installation or on junction boxes Pipe ploe installation with rain shield for outdoor installations DIN-rail installation DIN-rail installation Stanilation Stanilation Stanilation Stanilation Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation Stanilation Stanilation with rain shield for outdoor installations Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation Stanilation Stanilation with rain shield for outdoor installations DIN-rail installation DIN-rail installation with rain shield for outdoor installations DIN-rail installation DIN-rail installation with rain shield for outdoor installations DIN-rail installation DIN-rail installation with rain shield for outdoor installations DIN-rail installation DIN-rail installation with rain shield for outdoor installations DIN-rail installation DIN-rail installation with rain shield for outdoor installations DIN-rail installation DIN-rail installation with shield review installation												1
Conduit fitting for wire conduit (NPT12") Connector (M12, 8 pin) and plug with 5m black cable Connector (M12, 8 pin) and plug for user's cable Connector (M12, 20, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1				has already been chosen i	in item 13							<u> </u>
Connector (M12, 8 pin) and plug with 5m black cable Connector (M12, 8 pin) and plug for user's cable A A B B B B B B B B B B B B B B B B B	terface cable connection		(for 0.3150.433 inch cable)									1
Connector (M12, 8 pin) and plug for user's cable A A B B B B B B B B B B B B B B B B B												1
Transmitter housing Wall mounting Wall mounting with quick installation or on junction boxes Pipelpole installation Stainless steel filter Stainless steel filter for vacuum B B B Probe installation Swagelok connector ISO 3/8" Cecessories Swagelok connector ISO 3/8" Swagelok connector ISO 1/2" Swagelo												1
A language with quick installation or on junction boxes B pipe pole installation with rain shield for outdoor installations DIM-rail installation with rain shield for outdoor installations DIM-rail installation with rain shield for outdoor installations DIM-rail installation Statistics State of Stat			le				4	↓ . l				<u> </u>
Pipe pole installation Different installation Bit provided in the pipe pole Pipe pole installation Different installation Different installation Different installation Sintred stainless steel filter Stainless steel filter for vacuum Bit probe installation Swagolic connector ISO 318" Cocessories Swagolic connector ISO 312" Swagolic connector ISO 312" Swagolic connector ISO 112" Swagolic connector ISO 312" Swagol			Non-Konne									1
Pipe jobe installation with rain shield for outdoor installations DIM-rail installation DIM-rail installation DIM-rail installation DIM-rail installation Stensor DRYCAP® 180M Stainless steel filter Stainless steel filter for vacuum Nobe installation Swagelok connector ISO 38° K swagelok connector ISO 38° Swagelok connector ISO 112° Swagelok Connector	astallation		tion boxes									1
DIN-rail installation												1
Sensor DRYCAP® 180M			r installations									1
Sintered stainless steel filter for vacuum								Е				<u> </u>
Stainless steel filter for vacuum								1				1
A	Sensor protection											1
Swagelok connector NPT 1/2" 5 Swag									В			1
Swagelok connector ISO 1/2" K None									4			
Seer's guide	ccessories	-										1
English German C C C C C C C C C C C C C C C C C C C	loor's milds											-
German German	ser s guide											1
dl user's guides available at: French D J J C accessories Non MTOL INK software for Windows® with RS232 service cable MTOLNK software for Windows® with USB service cable MTOL INK software for Windows® with USB service cable service contract None Selections in bold are included in the prices of the basic versions.												1
www.valsala.com/dm/340 Japanese J J O D O D O D O D O D O D O D O D O D	alf consists and also 1994											1
Caccessories None 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												1
M/70LINK software for Windows® with RS232 service cable M/70LINK software for Windows® with USB service cable salibration Standard calibration with NIST traceable certificate service contract None Selections in bold are included in the prices of the basic versions. TOTAL									J] [1
MITOLINK software for Windows® with USB service cable alibration Standard calibration with NIST traceable certificate service item for calibration: 223299 A service contact None 0 Selections in bold are included in the prices of the basic versions.	'U accessories											1
Calibration Standard calibration with NIST traceable certificate service item for calibration: 223299 A O O Selections in bold are included in the prices of the basic versions.												1
Selections in bold are included in the prices of the basic versions. TOTAL												<u> </u>
Selections in bold are included in the prices of the basic versions.			rtificate	service item for calibrat	tion: 223299							1
												1
										T		<u> </u>
	Selections in italic ar	o available at an extra price.							_			

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 0

End customer:



der form	Valid from March 2017
derer	Order no.

DMT348 Dewpoint and Temperature Transmitter For Pressurized Pipelines

V. I. BRYGARO B			DMT340 8 0				111		т.	N I O I	PRIOF
Vaisala DRYCAP® Dewpoint and				++-		+++		-H			PRICE
1 Transmitter type	DMT348		8								
2 Probe cable length	2 m cable for standard probe		V								
	5 m cable for standard probe		W								
	10 m cable for standard probe		X								
	2 m cable for long probe		1								
	5 m cable for long probe		2								
	10 m cable for long probe		3								
	15 m cable for long probe		9								
3 -	10 III dable for long probe		0							F	
4 Measurement parameters	Dewpoint + ppm + mixing ratio		For T= -4080 °C) A	1							
parameters	Dewpoint + ppm + mixing ratio + relative hu		(For T= 080 °C) B								
	Td/f, PPM, x, a, RH, T, Td, Td/f atm, Td atm,	aNTP, pw, pws, h, dT	(For T at 080°C) C								
5 Display	No display			0							
	Graphical display with keypad			1							
6 Power supply	1035 VDC, 24 VAC			Α							
	1035 VDC, 24 VAC with galvanic isolation for	outputs		В							
	Universal AC -power (100240 VAC)			С							
	Universal AC -power (100240 VAC) + US -po	ower cord		D							
	Universal AC -power (100240 VAC) + EUR -			E							
				F							
	Universal AC -power (100240 VAC) + UK -po			G							
	Universal AC -power (100240 VAC) + AUS -		N IDec	K							
	External US AC-adapter (for LAN/WLAN interfa	ace in USA)	Not IP65	K						1 -	
7 Analog output	4 20 mA			1							
	0 20 mA			2					\perp		
	0 1 V			3					\perp		
	0 5 V			4					\perp		
	0 10 V			5							
8 Analog output	No 3rd analog output	-	-		A				\perp		
9 parameter and scaling	Dewpoint Td/f (-80+20 °C)	(-112+68 °F)			B B B				\perp		
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				\perp		
	Temperature (0+80 °C)	(+32+176 °F)			E E E				\perp		
	PPMv (01000 ppm)	(+32+170 1)	only for channel 1		G						
			only for channel 1		н						
	PPMw (01000 ppm)		only for channel 1								
	Mixing ratio (030 g/kg d.a)	(0210 gr/lbs)			J J J						
	Relative humidity (0100 %RH)				K K K						
SPECIAL	Define parameter (unit) for Ch1:() Ch2:() Ch3:	_()		x x x						
	Define scale for Ch1:	Ch2: Ch3:									
			Channel 1								
			Channel 2								
			Channel 3, choose A, if r	not needed							
11 Operating pressure	1 bar (abs)	(14.5 psi abs)			1					1 1	
operating pressure	3 bar	(43.5)			2						
	5 bar	(72.5)			3						
	7 bar	(101.5)			4						
	9 bar	(101.5) (130.5)			4 5						
	9 bar special (max 50 bar / 725 psi)*	(101.5)			4						
12 Output units	9 bar special (max 50 bar / 725 psi)* Metric units	(101.5) (130.5)			4 5 X	A					
12 Output units	9 bar special (max 50 bar / 725 psi)*	(101.5) (130.5)			4 5 X	A B					
12 Output units 13 Additional feature	9 bar special (max 50 bar / 725 psi)* Metric units	(101.5) (130.5)			4 5 X	A B					
	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units	(101.5) (130.5)			4 5 X						
	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units	(101.5) (130.5)			4 5 X	0					
	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units None	(101.5) (130.5)			4 5 X	0					
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13 Additional feature	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units None Alarm relay output As-485 serial interface with galvanic isolation LAN (ethernet) interface + 2 m cable (RJ45) Data Logging Module	(101.5) (130.5)			4 5 X	0 1 2 4 6				-	
	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units None Alam relay output Alam relay output ALAN (ethernet) interface with galvanic isolation LAN (ethernet) interface + 2 m cable (RJ45) Data Logginy Module None	(101.5) (130.5)			4 5 X	0 1 2 4				-	
13 Additional feature	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units None Alam relay output RS-485 serial interface with galvanic isolation LAN (ethemol) interface + 2 m cable (RJ45) Data Logging Module None Alam relay output	(101.5) (130.5) (ber / psiX/ebs)	ar and scale for Ch3		4 5 X	0 1 2 4 6				-	
13 Additional feature	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units None Alam relay output Alam relay output LAN (ethemet) interface + 2 m cable (RJ45) Data Logging Module None Alam relay output Alam relay output	(101.5) (130.5) (bar / psi)(abs) Choose also analog output paramet		n item 13	4 5 X	0 1 2 4 6				=	
13 Additional feature 14 Additional feature 2	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units Alarm relay output RS-485 serial interface with galvanic isolation LAM (ethemol) interface + 2 m cable (RJM5) Data Logging Module Alarm relay output 3rd analog output Data Logging Module	(130.5) (bar / psiXebs) Choose also analog output paramet Not possible if the data logger mod.		n item 13	4 5 X	0 1 2 4 6	1			-	
13 Additional feature	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units None Alarm relay output Alarm relay output Alar relay output Data Logging Module None Alarm relay output Alarm relay output Alarm relay output Jard analog output Cable spend (rela11 mm cable)	(101.5) (130.5) (bar / psi)(abs) Choose also analog output paramet		n item 13	4 5 X	0 1 2 4 6	1 2			-	
13 Additional feature 14 Additional feature 2	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units None Alarm relay output RS-485 serial interface with galvanic isolation LAN (ethernel) interface + 2 m cable (RJ45) Data Logging Module None Alarm relay output Srd analog output Data Logging Module Cable gland (for 811 mm cable) Conduit titting for wire conduit (NPT1/2")	(101.5) (130.5) (ber / psil/ebs) Choose also analog output paramet Not possible if the data logger modi (for 0.3150.433 inch cable)		n item 13	4 5 X	0 1 2 4 6 0 1 3 6	2			-	
13 Additional feature 14 Additional feature 2	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units Non-metric units None Alarm relay output Alarm relay output Alar (whemet) interface + 2 m cable (RJM5) Data Logging Module None Alarm relay output 3rd analog output Data Logging Module Cable gland (for 811 mm cable) Conduit titting for wire conduit (NPT1/2*) Connector (MIZ. Birl) and play with 5m black	(101.5) (130.5) (bar / psi)(abs) Choose also analog output parament Not possible if the data logger modi (for 0.3150.433 inch cable)		n item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3			-	
Additional feature 14 Additional feature 2 15 Interface cable connection	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units Non-metric units Non-metric units State of the s	(101.5) (130.5) (bar / psi)(abs) Choose also analog output parament Not possible if the data logger modi (for 0.3150.433 inch cable)		in item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3 4			-	
Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units None Alarm relay output RS-485 serial interface with galvanic isolation LAN (ethernel) interface + 2 m cable (RJA5) Data Logging Module None Alarm relay output 3rd analog output Data Logging Module Cable gland (for 811 mm cable) Conduit Etting for wire conduit (NPT1/2*) Connector (M12. 8 pin) and plug with 5m black Connector (M12. 8 pin) and plug in user's cabl	(130.5) (bar / psiXebs) (bar / psiXebs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable		in item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3 4			-	
Additional feature 14 Additional feature 2 15 Interface cable connection	9 bar special (max 50 bar / 725 pai)* Metric units Non-metric units Non-metric units Non-metric units Alam rielay output 183-485 serial interface with galvanic isolation LAN (ethemet) interface + 2 m cable (RJ45) Data Logging Module None Alam rielay output Data Logging Module Cable gland (for 8.11 mm cable) Condutt fitting for wire conduit (NPT1/2") Connector (M12.8 pin) and plug with sm black Connector (M12.8 pin) and plug for user's cabl Wall mounting Wall mounting	(130.5) (bar / psiXebs) (bar / psiXebs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable		n item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B			-	
Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units Non-metric units None Alarm relay output RS-485 serial interface with galvanic isolation LAN (ethemel) interface + 2 m cable (RJ45) Data Logging Module None Alarm relay output 3rd analog output Data Logging Module Cable gland (for 811 mm cable) Conduit Itting for wire conduit (NPT1/2") Connector (M12.8 pin) and plug with 5m black Connector (M12.8 pin) and plug for user's cabl Wall mounting Wall mounting with quick installation or on junc Pipeppole installation	(130.5) (bar / psiXebs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable 6		n item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C			-	
Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing	9 bar special (max 50 bar / 725 pai)* Metric units Non-metric units Non-metric units Non-metric units Alam rielay output Alam rielay output Alam rielay output Data Logging Module None Alam rielay output Data Logging Module Cable gland (for 811 mm cable) Condutt fitting for wire conduit (NPT1/2') Connector (M12. 8 pin) and plug with son black Connector (M12. 8 pin) and plug for user's cabl Wall mounting Wall mounting with quick installation or on junc	(130.5) (bar / psiXebs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable 6		n item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C D			-	
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Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing installation 17 Sensor 18 Sensor protection 19 Probe installation accessories 20 User's guide pdf user's guides available at:	9 bar special (max 50 bar / 725 pai)* Metric units Non-metric units Non-metric units Non-metric units Non-metric units Sease and sease sease and sease sease and sease and sease sease and sease and sease sease and	(101.5) (130.5) (bar / psi)(abs) Choose also analog output paramet Not possible if the data logger modi (for 0.3150.433 inch cable) cable te from boxes or installations		n item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C D	A B C D E F G H		-	
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13 Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing installation 17 Sensor 18 Sensor protection 19 Probe installation accessories 20 User's guide pdf user's guide available at: www.vaisala.com/dmt340	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units Non-metric units Non-metric units Alam relay output Alam relay output Alam relay output Sta-485 serial interface * 2 m cable (RJ45) Data Logging Module None Alam relay output Ard analog output Ocnolid (RJ45) Data Logging Module Cable gland (for 81 mm cable) Conduit (RHT12') Conduit (RHT12') Conduit (RHT12') Connector (RH2. 8 pin) and plug for user's cable Wall mounting Wall mounting with quick installation or on junc Pipeppole installation Pipeppole installation Pipeppole installation Brittened stainless steel filter Stainless steel filter for vacuum Fitting body R 12'' ISO (no leak screw)	(130.5) (130.5) (bar / psiXebs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable te in statilations		n item 13	4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C D	B C D E F G H	0	-	
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13 Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing installation 17 Sensor 18 Sensor protection 19 Probe installation accessories 20 User's guides available atwww.wiisala.com/dmt340 21 PC accessory 22 Calibration	9 bar special (max 50 bar / 725 pai)* Metric units Non-metric units Non-metric units Non-metric units Non-metric units Non-metric units Non-metric units None Alam relay output Alam relay output Data Logging Module None Alam relay output Data Logging Module Cable gland (for 811 mm cable) Conduit fitting for wire conduit (NPT12') Connactor (M12, 8 pin) and plug for user's cabl Wall mounting Wall mounting with quick installation or on junc Pipe-pole installation Pipe-pole installation DiN-rall installation DiN-rall installation DiN-rall installation DiN-rall installation DiN-rall installation DiN-rall installation Thy Cap Solid (on leak screw) Fitting body R 12" ISO with leak screw Fitting body R 12" ISO with leak screw Fitting body R 12" ISO with leak screw) Two fitting bodies: R 12" ISO with leak screw Fitting body R 12" ISO with leak screw) Sampling cell (MDT424SC) Sampling cell with swagelok connectors (MNT- Ball valve set for pressurized pipelines Flange for duct installation None MnTOL NN software for Windows® with R S222; MMTOL NN software for Windows® with R S222; MMTOL NN software for Windows® with R S222; MMTOL NN software for Windows® with L S8 se	(130.5) (130.5) (bar / psiXebs) Choose also analog output paramet Not possible if the data logger mot; (for 0.3150.433 inch cable) cable te Not possible if the data logger mot; (for 0.3150.435 inch cable) service cable service cable			4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C D	B C D E F G H	0 0 2	<u></u>	
13 Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing installation 17 Sensor 18 Sensor protection 19 Probe installation accessories 20 User's guide pdf user's guide available at: www.vaisala.com/dnt340 21 PC accessory 22 Calibration 23 Service contract	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units Non-metric units Non-metric units State of the	(130.5) (130.5) (bar / psil/abs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable to ion boxes or installations service cable rvice cable tricate	le has already been chosen ir		4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C D	B C D E F G H	0 2 4	a 0	
13 Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing installation 17 Sensor 18 Sensor protection 19 Probe installation accessories 20 User's guides available at: www.wissala.com/dmt340 21 PC accessory 22 Calibration 23 Service contract 25 Selections in bold	9 bar special (max 50 bar / 725 pai)* Metric units Non-metric units Non-metric units Non-metric units Non-metric units Season (season of seaso	(130.5) (130.5) (bar / psil/abs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable to ion boxes or installations service cable rvice cable tricate	le has already been chosen ir		4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C D	B C D E F G H	0 0 2 4	OTAL	
13 Additional feature 14 Additional feature 2 15 Interface cable connection 16 Transmitter housing installation 17 Sensor 18 Sensor protection 19 Probe installation accessories 20 User's guides available at: www.wissala.com/dmt340 21 PC accessory 22 Calibration 23 Service contract 25 Selections in bold	9 bar special (max 50 bar / 725 psi)* Metric units Non-metric units Non-metric units Non-metric units Non-metric units State of the	(130.5) (130.5) (bar / psil/abs) Choose also analog output paramet Not possible if the data logger mod. (for 0.3150.433 inch cable) cable to ion boxes or installations service cable rvice cable tricate	le has already been chosen ir		4 5 X	0 1 2 4 6 0 1 3 6	2 3 4 A B C D	B A B C D E F G H	0 0 2 4	OTAL	

*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 0