DORGEAN
Beijing Dorgean Electronic Technology Co.,Ltd

Instrument Expert
Original factory packaging
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VAISALA

Order form
Orderer

Valid from April 2021
Order no.

DMT341 Dewpoint and Temperature Transmitter

For wall mounting

	Vaisala DRYCAP® Dewpoint and Temperature Transmitter			**DMT340**	1 0 1 A 0
1	**Transmitter type**	**DMT341**			1
2	**Probe cable length**	**Wall mounting probe**			5
3	**-**	-			0
4	**Measurement parameters parameters**	**Dewpoint + ppm + mixing ratio**		**(For T= -40...80 °C)**	A
		Dewpoint + ppm + mixing ratio + relative humidity + temperature		**(For T= 0...80 °C)**	B
		Td/f, PPM, x, a, RH, T, Td, Td/f atm, Td atm, aNTP, pw, pws, h, dT		**(For T at 0...80'C)**	C
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**	**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:_____(_____)** *Ch3:_____(_____)*			X X *X*
		Define scale for Ch1:_____ Ch2:_____ *Ch3:_____*			
				Channel 1	
				Channel 2	
				Channel 3, choose A, if not needed	
11	**Operating pressure**	**1 bar (abs)**	**(14.5 psi abs)**		1
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
19	**Probe installation accessories**	**None**			0
20	**User's guide**	**None**			A
		English			B
		German			C
	pdf user's guides available at:	**French**			D
	www.vaisala.com/dmt340	**Japanese**			J
21	**PC accessories**	**None**			0
		MI70LINK software for Windows® with RS232 service cable			*2*
		USB service cable (spare: 219685)			*3*
22	**Calibration**	**Standard calibration with NIST traceable certificate**		*service item for calibration: 223299*	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	1	5	0	A	1	A	1	B	E	A	1	A	0	0	1	A	1	A	0	B	4	A	0

End customer: _____

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DMT342 Dewpoint and Temperature Transmitter

With Small Size Flanged Probe for Use with Sampling Cell

| Vaisala DRYCAP® Dewpoint and Temperature Transmitter | | |

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DMT344 Dewpoint and Temperature Transmitter

For Pressurized Processes

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DMT347 Dewpoint and Temperature Transmitter

With Small Pressure-tight Probe

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DMT348 Dewpoint and Temperature Transmitter

For Pressurized Pipelines

| Vaisala DRYCAP® Dewpoint and Temperature Transmitter | | |