VAISALA



DMT153 Order Form
G010036EN-A
Valid from August 2023

DMT152
Transmitter for Low Dewpoint with a measurement range of -80 to -20°C

					1	2	3	4	5	6	7	8	9	10	11	12	13	14
	DMT152 Transmitter for Low Dewpoint with a measurement range of -80 to -20°C		**SPARE CODE**	**DMT152**		*1*						**A**				**A**		
hardware	1 Mechanical Connection	**ISO 1/2" Thread**		**A**														
		NPT 1/2" Thread		**B**														
		UNF 3/4 -16 Thread		**C**														
		UNF 5/8 -18 Thread		**D**		*1*												
settings	3 Analog Output Ch1 & Ch2 + RS-485 as Standard	**No Analog Output RS-485 Only**		**0**														
		0...5 V		**B**														
		0...10 V		**C**														
		4...20 mA		**D**														
		0...20 mA		**E**														
	4 Analog Output Parameter or Function for Ch1	**-80...+20 °C Td/f**		**B**														
		-100...0 °C Td/f		**C**														
		0...100 ppm		**D**														
		0...500 ppm		**E**														
		free scaling Td/f °C, please define: _____		**X**														
		free scaling ppm, please define: _____		**Y**														
		Frozen output indication On/Off [1]		**2**														
	5 Analog Output Parameter or Function for Ch2	**-80...+20 °C Td/f**		**B**														
		-100...0 °C Td/f		**C**														
		0...100 ppm		**D**														
		0...500 ppm		**E**														
		free scaling Td/f °C, please define: _____		**X**														
		free scaling ppm, please define: _____		**Y**														
		Alarm level on/off output, define Parameter/Level: _____		**1**														
		Frozen output indication On/Off [1]		**2**														
		LED indication on frozen measurement output [2]		**3**														
	6 Output Units	**Metric Units**		**1**														
		Non Metric Units		**2**														
	7 Pressure Setting for ppm Calculation	**Pressure Not Specified No ppm Output**		**0**														
		Ambient Pressure 1 bar(a) 14.76 psi(a)		**1**														
		Special Pressure Max 50 bar(a), please define:		**X**									**A**					
accessory	9 Cable for Analog Outputs and	**No Cable**		**0**														
	Power Supply (Port I)	• *Shielded Cable, 2m, snap in connector*	*211598*	*1*														
		• *Shielded Cable, 0.32m, 4-pin M8 Female Straight*	*HMP50Z032SP*	*2*														
		• *Shielded Cable, 3.0m, 4-pin M8 Female Straight*	*HMP50Z300SP*	*3*														
		• *Shielded Cable, 5.0m, 4-pin M8 Female Straight*	*HMP50Z500SP*	*4*														
		• *Shielded Cable, 10m, 4-pin M8 Female Straight*	*HMP50Z1000SP*	*5*														
		• *3 m cable with LED light [3]*		*6*														
	10 Cable for RS485 Line and	**No Service Cable**		**0**														
	Power Supply (Port II)	• *Shielded Cable, 2m, snap in connector*	*211598*	*1*														
		• *Shielded Cable, 0.32m, 4-pin M8 Female Straight*	*HMP50Z032SP*	*2*														
		• *Shielded Cable, 0.32m, 4-pin M8 Female Straight*	*HMP50Z300SP*	*3*														
		• *Shielded Cable, 5.0m, 4-pin M8 Female Straight*	*HMP50Z500SP*	*4*														
		• *Shielded Cable, 10m, 4-pin M8 Female Straight*	*HMP50Z1000SP*	*5*														
	11 Installation Accessories ONLY for ISO1/2" Thread	**No Accessories**		**0**														
		• *Sampling Cell DMT242SC*	*DMT242SC*	*D*														
		• *Sampling Cell+Connectors DMT242SC2*	*DMT242SC2*	*E*														
		• *Sampling Cell DSC74*	*DSC74SP*	*F*														
		• *Two Pressure Sampling Cell DSC74B*	*DSC74BSP*	*G*														
		• *Two Pressure Sampling Cell with Coil DSC74C*	*DSC74CSP*	*H*														
		• *Mounting Nut, ISO G1/2"*	*MOUNTINGNUTSP*	*J*														
		• *NW40 Flange*	*225220SP*	*K*												**A**		
hw	13 Package	+ **Cardboard Box**		**1**														
		• *Plastic Case*		*2*														
acc	14 User's Guide	**No User's Guide**		**A**														
		Quick Reference Guide DMT152		**X**														

1) Indicates by analog signal when measurement is not active (typically sensor purge)
2) For LED indication choose LED cable in selection 9
3) Uses channel 2 for LED Light, channel 1 open wire

NOTE:	**Selections in bold are included in the prices of the basic versions.**
	• *Selections in italic are available at an extra price.*
	+ Suggested/default selection

LINKS:	User Guides
	Datasheet
	Vaisala.com product page
	Cable datasheet

Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DMT152	**A**	*1*	**D**	**B**	**2**	**1**	**0**	**A**	**1**	**0**	**0**	**A**	**1**	**X**

Accessories and spare parts

Cable, Instrumentation M8/4(F)-Open, 4x0.25mm2, 2m, PVC, Snap in, BLK	211598
Plug Kit Plug G 1/2 with Seal	218773
Plastic Case + Fillings 222 x 145 x 40	218964SP
MI70 Connection Cable with M8-4F Connector	219980SP
Mesh Filter 18um + washer Stainless Steel	220957SP
Sealing ring set, 3 pcs D21/28x1,5 Cu ISO 1/2"	221524SP
Sealing ring set, 3 pcs D19/25x1,5 Cu UNF 3/4-16	221563SP
Plug 1/2 Tapered Thread CL- 2611-1/2 KK	222507
NW40 Flange DMT152	225220SP
Shielded Cable, 3.0m, 4-pin M8, High Temp.	225229SP
Shielded Cable, 1.5m, 4-pin M8, High Temp.	225777SP
FEPCable shielded, 3.0m 4-Pin M8 Female Straight	226902SP
Shielded Cable, 1.5 m SAC-4-P-1.5-PUR/M 8FR SH	231519SP
Connection Cable, M8-4F 90° - open wires, 3 m	231520SP
Shielded Cable, 5 m SAC-4-P-5.0-PUR/M 8FR SH	231521SP
Shielded Cable, 10 m SAC-4-P-10.0-PUR/M8FR SH	231522SP
Shielded Cable, 20 m SAC-4P-20,0-PUR/M8FS SH	235859SP
Shielded Cable, 15 m SAC-4P-15,0-PUR/M 8FS	236407SP
Flat cable, M8-4(M) - M8-4(F), 1m	CBL210649SP
Spare Part M8 Splitter for RFL100	CBL210834SP
Cooling/Venting Coil for Sampling Cell	DMCOILSP
Sampling Cell DMT242SC with Female Connectors, inlet G3/8" & outlet G1/4" ISO	DMT242SC
Sampling Cell DMT242SC2 with Swagelok Connectors for 1/4" Tubing	DMT242SC2
Two Pressure Sampling Cell	DSC74BSP
Two Pressure Sampling Cell with Coil	DSC74CSP
Service Kit for DSC74 Sampling Cells	DSC74SERVICEKIT
Sampling Cell with Quick Connector and Leak Screw	DSC74SP
Connection Cable, M8-4F - Open Wires, 0.32 m	HMP50Z032SP
Connection Cable, M8-4F - Open Wires, 10 m	HMP50Z1000SP
Shielded Cable, 1.20m 4-pin M8 Female Straight	HMP50Z120
Connection Cable, M8-4F - Open Wires, 3 m	HMP50Z300SP
Connection Cable, M8-4F - Open Wires, 5 m	HMP50Z500SP
LED Cable, 3.0m, 4-pin M8 Female angle	MP300LEDCBL
Power Supply Module	POWER-1

Mechanical connections:

Option:

