

Order form Orderer

Valid from March 2014 Order no.

## **DPT146 Dewpoint and Pressure transmitter**

	Vaisala Dewpoint and Pre	ssure Transmitter			DPT	146								PRIC
	Mechanical connection	ISO G1/2" thread				Α								1100
		NPT 1/2" thread				в								
		UNF 3/4"-16 thread				c								
	Measurement parameters	Dewpoint, Pressure, ppm,	[d/f atm			1							F	
	weasurement parameters	Dewpoint, Pressure, ppm,		rature (for RS485 on	lv)	2								
	Analog output Ch1 & Ch2	RS-485 only	and remper	ature (101 110405 011	·9/	-	Α							
	ratalog output offit a one	RS-485 with Modbus RTU mode by default (no analog outputs)					м							
	Analog output Ch1 & Ch2	05 V	Tode by default (no a	analog outputs)			в							
	+ RS-485 as standard	010 V					c							
	+ 10-405 as standard	420 mA					D							
		020 mA					E							
	Analog output parameter	None					A							
	or function	Dewpoint	-80+20 ℃	-112+68 °F			В							
	for Ch1	Dewpoint	-60+40 ℃	-76+ 104 F			c							
	loi enti	Pressure (absolute)	010 bar	0145 psia			D							
		Pressure (absolute)	0 12 bar	0174 psia			G							
			0500 ppm	5 17 <del>-</del> poid			E							
		ppm Td/f atm	-80+20 °C	-112+68 °F			F							
		Dewpoint , free scale	Define:	-112+00 P	High		Ŵ							
		p, free scale	Define :	Low	High		X							
		p, free scale	Define:	Low	High		Ŷ							
			Define:	Low	High		z							
	Analog output parameter	Td/f atm free scale None	Denne.	LOW	riigii		2	- A						
			-80+20 °C	-112+68 F				В						
	or function for Ch2	Dewpoint Dewpoint	-60+40 °C	-76+ 104 F				č						
		•	-60+40 C					D						
		Pressure (absolute)	0 10 bar	0145 psia 0174 psia				G						
		Pressure (absolute)		0 174 psia				E						
		ppm	0500 ppm	-112+68 °F				F						
		Td/f atm	-80+20 °C		1.06			w						
		Dewpoint , free scale	Define: Define :	Low	High High			X						
		p, free scale	Define:	Low	High			Ŷ						
		ppm, free scale	Define:	Low	Ŷ			z						
	O de de la contraction	Td/f atm free scale		LOW	High			2						
	Output units	Metric units (Celsius, bara)							1					
	Orble (or orally a sub-	Non-metric units (Fahrenhe	eit, psia)						2	~				
	Cable for analog outputs	None 0												
	and power supply	0.3 m (1.0 ft) shielded cable, M8 threaded connector 1 3 m (9.8 ft) shielded cable, M8 threaded connector 2												
	(Port I)	3 m (9.8 ft) shielded cable, M8 threaded connector 5 m (16.4 ft) shielded cable, M8 threaded connector								2				
		10 m (32.8 ft) shielded cable,								4				
	Cable for RS485 line		NO INCAUCO CONNEC	101						<u> </u>			-	
		None 0 0 0.3 m (1.0 ft) shielded cable. M8 threaded connector 1												
	and power supply (Port II)													
	(Port II)	3 m (9.8 ft) shielded cable, M8 threaded connector									2			
		5 m (16.4 ft) shielded cable, M8 threaded connector									3 4			
	Installation accessories	10 m (32.8 ft) shielded cable, M8 threaded connector											H	
	ONLY for ISO1/2" thread	None									A B			
	UNLTIONSUNZ INITEAU	Sampling cell DMT242SC Sampling cell with swarelok 1/4" male connectors DMT242SC2									C			
		Sampling cell with swagelok 1/4" male connectors DMT242SC2									D			
		Sampling cell with quick connector and leak screw DSC74									D E			
		Two-pressure sampling cell DSC74B									F			
		Two-pressure sampling cell with venting coil DSC74C												
_	On a shall (a shuma	Duct installation flange DM24	UFA								G	1	H	
	Special features	None										0		
1	User's guide	None											Α	
		Multilingual quick guide											Х	
_												To		

Selections in bold are included in the prices of the basic versions. Selections in italic are available at an extra price.

## Example of order code with typical settings: DPT146 A 1 D B D 1 1 0 A 0 X

## End customer:

Accessories and spar	•
219980	Connection cable for MI70 indicator /DM70 meter
219690	USB connection cable
220957SP	Mesh Filter 18um Stainless Steel
221525SP	Sealing ring set, 3 pcs for ISO1/2" thread
232912	Sealing ring set, 3 pcs for UNF 3/4" - 16 thread
218675SP	Protection plug for connector
226476	Loop-powered external display
218773	ISO 1/2" plug
222507	NPT 1/2" plug
DMT242SC	Basic sample cell
DMT242SC2	Sample cell with swagelok 1/4" male connectors
DSC74	Sample cell with quick connector and leak screw
DSC74B	Two-pressure sampling cell
DSC74C	Two-pressure sampling cell with coil
DMCOIL	Separate cooling/venting coil for sampling cells
DM240FA	Flange
HMP50Z032	0.32m (1 feet) shielded cable, M8 threaded connector
HMP50Z300SP	3 m (9.8 ft) shielded output cable M8, threaded connector
HMP50Z500SP	5 m (16.4 ft) shielded output cable M8, threaded connector
HMP50Z1000SP	10 m (32.8 ft) shielded output cable M8, threaded connector

