

VAISALA

Valid from June 2019 Order no.

DPT146 Dewpoint and Pressure transmitter

	Vaisala Dewpoint and Pre-	ssure Transmitter			DPT ⁻	146									PRIC
1	Mechanical connection	ISO G1/2" thread				Α		П			П		\neg	\neg	
		NPT 1/2" thread				В									
		UNF 3/4"-16 thread				С									
2	Measurement parameters	Dewpoint, Pressure, ppm, To	d/f atm				1							ı	
		Dewpoint, Pressure, ppm, To		ature (for RS-485 only	1		2								
3	Communication interface	RS-485 Vaisala industrial pro					∸' ^								
		RS-485 with Modbus RTU m					М								
	Analog output Ch1 & Ch2	05 V	ode by deladit (110 a	maiog outputs)			В								
	+ RS-485 Vaisala protocol	010 V					c								
	1 110-400 Valsala protocol	420 mA					D								
		020 mA					E								
4	Analog output parameter	None						A .							
4	or function	Dewpoint	-80+20 °C	-112+68 °F				В							
	for Ch1	•	-60+40 °C	-76+ 104 °F				С							
	for Ch1	Dewpoint	010 bar	0145 psia				D							
		Pressure (absolute)	0 12 bar	0145 psia 0174 psia				G							
		Pressure (absolute)		0 174 psia											
		ppm	0500 ppm	440 .00 %				E							
		Td/f atm	-80+20 °C	-112+68 °F	LU-b			F							
		Dewpoint , free scale	Define:	Low	High	_		W							
		p, free scale	Define :	Low	High	_		X							
		ppm, free scale	Define:	Low	High	_		Υ							
		Td/f atm free scale	Define:	Low	High			Z							
5	Analog output parameter	None							Α						
	or function	Dewpoint	-80+20 °C	-112+68 °F					В						
	for Ch2	Dewpoint	-60+40 °C	-76+ 104 °F					С						
		Pressure (absolute)	010 bar	0145 psia					D						
		Pressure (absolute)	0 12 bar	0174 psia					G						
		ppm	0500 ppm						E						
		Td/f atm	-80+20 °C	-112+68 °F					F						
		Dewpoint , free scale	Define:	Low	High				w						
		p, free scale	Define :	Low	High	_			х						
		ppm, free scale	Define:	Low	High	_			Υ						
		Td/f atm free scale	Define:	Low	High				z						
6	Output units	Metric units (Celsius, bara)							_	1					
		Non-metric units (Fahrenhei	t, psia)							2					
7	Cable for analog outputs	None								_ 0					
	and power supply	0.3 m (1.0 ft) shielded cable, N	48 threaded connecto	or						1					
	(Port I)	3 m (9.8 ft) shielded cable, M8	threaded connector							2					
		5 m (16.4 ft) shielded cable, M	8 threaded connecto	r						3					
		10 m (32.8 ft) shielded cable, I								4					
8	Cable for RS485 line	None									اه -			ı	
	and power supply	0.3 m (1.0 ft) shielded cable, N	18 threaded connecto	or							1				
	(Port II)	3 m (9.8 ft) shielded cable, M8									2				
	, ,	5 m (16.4 ft) shielded cable, M	8 threaded connecto	r							3				
		10 m (32.8 ft) shielded cable, I									4				
9	Installation accessories	None									_	A		٦	
	ONLY for ISO1/2" thread	Sampling cell DMT242SC										В			
		Sampling cell with swagelok 1/	4" male connectors Γ	MT242SC2								c			
		Sampling cell with quick conne										D			
		Two-pressure sampling cell DS										E			
		Two-pressure sampling cell wi		r								F			
			-									G			
	Cassial factor -	Duct installation flange DM240	FA									G	اء	ŀ	
	Special features	None											0		
11	User' s guide	None												A	
		Multilingual quick guide											_	X	
													To	otal	
														Qty	

of order code with typical settings:

| DPT146 | A | 1 | D | B | D | 1 | 1 | 0 | A | 0 | X |

Connection cable for MI70 indicator /DM70 meter USB connection cable Mesh Filter 18um Stainless Steel Sealing ring set, 3 pcs for ISO1/2" thread Sealing ring set, 3 pcs for INDF 3/4" - 16 thread Protection plug for connector Loop-powered external display ISO 1/2" plug NPT 1/2" plug Basic sample cell with swagelok 1/4" male connectors Sample cell with swagelok 1/4" male connectors Sample cell with swagelok 1/4" male connectors Sample cell with quick connector and leak screw 1 two-pressure sampling cell with coil Separate cooling/venting cell with coil Separate cooling/venting cell with coil 3 m (9.8 ft) shielded cable, M8 threaded connector 5 m (16.4 ft) shielded output cable M8, threaded connector 10 m (32.8 ft) shielded output cable M8, threaded connector Accessories and 219980 219690 220957SP 22152SP 222152SP 2229172 218675SP 2226176 218773 222507 DMT242SC DMT242SC DMC74B DSC74 DSC74B DSC74C DMC0L DM20FA HMP50Z032 HMP50Z300SP HMP50Z500SP HMP50Z100OSP