



VAISALA

Order form

Orderer

Valid from June 2019

Order no.

DPT146 Dewpoint and Pressure transmitter

Vaisala Dewpoint and Pressure Transmitter				DPT146	1	2	3	4	5	6	7	8	9	10	11	PRICE
1	Mechanical connection	ISO G1/2" thread	A													
		NPT 1/2" thread	B													
		UNF 3/4"-16 thread	C													
2	Measurement parameters	Dewpoint, Pressure, ppm, Td/f atm			1											
		Dewpoint, Pressure, ppm, Td/f atm and Temperature (for RS-485 only)			2											
3	Communication interface	RS-485 Vaisala industrial protocol (no analog outputs)														
		RS-485 with Modbus RTU mode by default (no analog outputs)														
	Analog output Ch1 & Ch2	0...5 V	A													
	+ RS-485 Vaisala protocol	0...10 V	M													
		4...20 mA	B													
		0...20 mA	C													
4	Analog output parameter or function for Ch1	None	D													
		Dewpoint	-80...+20 °C	-112...+68 °F												
		Dewpoint	-60...+40 °C	-76...+ 104 °F												
		Pressure (absolute)	0...10 bar	0 ...145 psia												
		Pressure (absolute)	0... 12 bar	0 ...174 psia												
		ppm	0...500 ppm													
		Td/f atm	-80...+20 °C	-112...+68 °F												
		Dewpoint , free scale	Define:	Low	High											
		p, free scale	Define :	Low	High											
		ppm, free scale	Define:	Low	High											
		Td/f atm free scale	Define:	Low	High											
5	Analog output parameter or function for Ch2	None	A													
		Dewpoint	-80...+20 °C	-112...+68 °F												
		Dewpoint	-60...+40 °C	-76...+ 104 °F												
		Pressure (absolute)	0....10 bar	0 ...145 psia												
		Pressure (absolute)	0... 12 bar	0 ...174 psia												
		ppm	0...500 ppm													
		Td/f atm	-80...+20 °C	-112...+68 °F												
		Dewpoint , free scale	Define:	Low	High											
		p, free scale	Define :	Low	High											
		ppm, free scale	Define:	Low	High											
		Td/f atm free scale	Define:	Low	High											
6	Output units	Metric units (Celsius, bara)			1											
		Non-metric units (Fahrenheit, psia)			2											
7	Cable for analog outputs and power supply (Port I)	None			0											
		0.3 m (1.0 ft) shielded cable, M8 threaded connector			1											
		3 m (9.8 ft) shielded cable, M8 threaded connector			2											
		5 m (16.4 ft) shielded cable, M8 threaded connector			3											
		10 m (32.8 ft) shielded cable, M8 threaded connector			4											
8	Cable for RS485 line and power supply (Port II)	None			0											
		0.3 m (1.0 ft) shielded cable, M8 threaded connector			1											
		3 m (9.8 ft) shielded cable, M8 threaded connector			2											
		5 m (16.4 ft) shielded cable, M8 threaded connector			3											
		10 m (32.8 ft) shielded cable, M8 threaded connector			4											
9	Installation accessories ONLY for ISO1/2" thread	None	A													
		Sampling cell DMT242SC	B													
		Sampling cell with swagelok 1/4" male connectors DMT242SC2	C													
		Sampling cell with quick connector and leak screw DSC74	D													
		Two-pressure sampling cell DSC74B	E													
		Two-pressure sampling cell with venting coil DSC74C	F													
		Duct installation flange DM240FA	G													
10	Special features	None			0											
11	User's guide	None	A													
		Multilingual quick guide	X													
																Total
																Qty
																Total value

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:

DPT146A1DBD110AX

End customer:

Accessories and spare parts	
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