



Order form
Purchaser

Valid from April 2021
Order no.

Combined Pressure, Humidity and Temperature Transmitter PTU307

For High Humidities

Vaisala Combined Pressure, Humidity and Temperature Transmitter			PTU300	7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PRICE		
1	Transmitter type	PTU307	with warmed probe	7																										
2	Pressure range	500...1100 hPa 500...1100 hPa 500...1100 hPa 50...1100 hPa 50...1100 hPa	Class A / one sensor Class B / one sensor Class A / two sensors Class B / two sensors One sensor, class B only Two sensors, class B only	1 2 3 4 5 6																										
3	Probe cable length (dew point probe)	2m cable, +120 °C 5 m cable, +120 °C 10 m cable, +120 °C 20 m cable, +120 °C			E F G R																									
4	Additional temperature probe <i>Note: RH and T are available only if additional temperature probe is selected</i>	No probe 2 m cable 5 m cable 10 m cable 20 m cable	(dew point probe only)	0 1 2 3 7																										
5	Display	No display Graphical display with keypad		0 1																										
6	Power supply	10...35 VDC, 24 VAC 10...35 VDC, 24 VAC with galvanic isolation Universal AC power (100...240 VAC) Universal AC power (100...240 VAC) + US power cord Universal AC power (100...240 VAC) + UK power cord Universal AC power (100...240 VAC) + AUS power cord Universal AC power (100...240 VAC) + EURO power cord External US AC-adaptor (for LAN/MLAN interface in USA and Canada)	Not IP65		A B C D E F G K																									
7	Output signal	RS232C only, no analog outputs RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) RS232C + Analog outputs (Ch1 & Ch2, optional Ch3)	4... 20 mA 0... 20 mA 0... 1 V 0... 5 V 0... 10 V	0 1 2 3 4 5																										
8-10	Parameter and scaling for analog output (Ch1, Ch2, Ch3)	No Analog output RH T Td (-20...100 °C) TdF (-20...100 °C) a (0...600 g/m3) Tw (0...100 °C) x (0...500 g/kg d.a) h (-40...1500 kJ/kg) pw (0...1000 hPa) pws (0...1000 hPa) dT (-10...+50 °C) P	(0...100 %RH) (range: see below) (-4...+212 °F) (-4...+212 °F) (0...262 gr/ft3) (+32...+212 °F) (0...3500 gr/lb) (-9.5...+652.6 Btu/lb) (0...14.5 psi) (0...14.5 psi) (14...+122 °F) (pressure range: selection in step 2)	Only with additional T probe Only with additional T probe Only with additional T probe Only with additional T probe Only with additional T probe Only with additional T probe Only with additional T probe Only with additional T probe	B B C C D D E E F F G G H H J J K K L L M M P																									
	Special	Define quantity for Ch1: _____ Ch2: _____ Define scale for Ch1: _____ Ch2: _____ Ch3: _____				X	X	X																						
11	Analog output range for temperature	No temperature output -40...+60 °C -20...+60 °C 0...+60 °C	Mandatory if no analog T outputs selected (-40...+140 °F) (-4...+140 °F) (+32...+140 °F) special range :		A B F K X																									
12	Output format	Standard																												
13	Output units	Metric Non-metric			A B																									
14	Optional module	No module <i>Note: Up to one optional module can be selected</i> Relay output RS485 serial interface (galvanically isolated) Data logger module	Mandatory with two pressure sensors or 3rd analog output Not possible with universal AC power module	0 1 2 6																										
15	Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" <i>Note: The universal AC power must not be connected through the 8-pole connector or D9 adapter</i>	8-pole connector with 5m cable 8-pole counter connector with screw terminals D9-adaptor Only for RS232C, RS485 and DC supply		A B C D E																									
16	Pressure fitting	Barbed fitting for 1/8" hose Quick connector with shutoff valve for 1/8" hose																												
17	Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with Rain Shield DIN rail kit	separate delivery if 20 m probe separate delivery if 20 m probe		A B C D E																									
18	Humidity sensor	Composite sensor Composite sensor with chemical purge Composite sensor Composite sensor with chemical purge	HUMICAP180RC HUMICAP180RC HUMICAP180C HUMICAP180C		B C 3 4																									
19	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid			B C D E																									
20	Probe installation accessories	No kit Duct Installation kit Cable Gland AGRO 2 x Duct Installation kits			0 1 2 6																									
21	User's Guide language	No User's Guide English French Japanese			A B D J																									
22	PC Accessories	No M70LINK software for Windows® with RS232 service cable Service cable for PC, USB			0 2 3																									
23	Calibration	ISO9001 compliant factory calibration Special calibration	See separate order form service item: HELSPECIALCAL		A 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:

PTU300 7 1 E 1 1 A 1 B C P B 1 A 0 A 1 A B B 0 B 0 A

End customer: