



Order form
Purchaser

Valid from January 2014
Order no.

Combined Pressure, Humidity and Temperature Transmitter PTU301

For Wall Mounting

Vaisala Combined Pressure, Humidity and Temperature Transmitter		PTU300	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	PTU301	1	0																						
2	Pressure range	500...1100 hPa 500...1100 hPa 500...1100 hPa 50...1100 hPa 50...1100 hPa	1 2 3 4 5 6																							
3	Wall mount probe	fixed with short cable	A 8																							
4	Additional temperature probe	No probe	0																							
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/WLAN interface in USA and Canada)	A B C D E F G K																							
7	Output signal	RS232C only, no analog outputs RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 4... 20 mA RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 20 mA RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 1 V RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 5 V RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 10 V	0 1 2 3 4 5																							
8-10	Parameter and scaling for analog output (Ch1, Ch2, Ch3)	No Analog output RH (0...100 %RH) T (range: see below) Td (-20...100 °C) (-4...+212 °F) Tdf (-20...100 °C) (-4...+212 °F) a (0...600 g/m3) (0...262 gr/ft3) Tw (0...100 °C) (+32...+212 °F) x (0...500 g/kg d.a) (0...3500 gr/lb) h (-40...1500 kJ/kg) (-9.5...+652.6 Btu/lb) pw (0...1000 hPa) (0...14.5 psi) pws (0...1000 hPa) (0...14.5 psi) dT (-10...+50 °C) (14...+122 °F) P (pressure range: selection in step 2)	A B C D E F G H J K L M P																							
	Special	Define quantity for Ch1: _____ Ch2: _____ Define scale for Ch1: _____ Ch2: _____ Ch3: _____ Channel 1 Channel 2 Channel 3 only for pressure (optional)	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	1																							
13	Output units	Metric Non-metric	A B																							
14	Optional module	No module Relay output RS485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module	0 1 2 4 5 6																							
15	Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" 8-pole connector with 5m cable 8-pole counter connector with screw terminals D9-adaptor	A B C D E																							
16	Pressure fitting	Barbed fitting for 1/8" hose Quick connector with shutoff valve for 1/8" hose	1 2																							
17	Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with Rain Shield DIN rail kit Probe holder plate	A B C D E F																							
18	Humidity sensor	General purpose and high chemical concentrations Composite sensor with chemical purge option General purpose Composite sensor with chemical purge option	A C 1 4																							
19	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid Vaporized hydrogen peroxide (VHP) resistant filter	B C D E G																							
20	Probe installation accessories	No probe installation accessories	0																							
21	User's Guide language	No User's Guide English French Japanese	A B D J																							
22	PC Accessories	No Service cable for PC, RS232 (D9 female connector) MI70LINK software for Windows® with RS232 service cable Service cable for PC, USB MI70LINK software for Windows® with USB service cable	0 1 2 3 4																							
23	Calibration	ISO9001 compliant factory calibration ISO9001 extended temperature range calibration for RH & T (-20 °C, 0 °C, +60 °C) Special calibration	A H X																							

*) Note! Simultaneous installation of LAN and Universal AC-power is possible only with a short cable probe.

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 1 1 A 0 1 A 1 B C P B 1 A 0 A 1 A A B 0 B 0 A

End customer:

TOTAL
QTY
TOTAL VALUE

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 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	7	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 Note: RH and T are available only if additional temperature probe is selected	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 adapter (for LAN/WLAN interface in USA and Canada)	Not IP65		A	B	C	D	E	F	G	H	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 Special Define quantity for Ch1: _____ Ch2: _____ Define scale for Ch1: _____ Ch2: _____ Ch3: _____ Note: - If any analog outputs selected, please specify at least Ch1 & Ch2 parameters and scalings - 3rd analog output (Ch3) is not possible with two pressure sensors or an optional module	(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		A	A	A	B	B	C	C	D	D	E	E	F	F	G	G	H	H	J	J	K	K	L	L	M	M	P	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)			A	B	F	K	X																								
12	Output format	Standard																																
13	Output units	Metric Non-metric																																
14	Optional module	No module Relay output Note: Up to one optional module can be selected	Mandatory with two pressure sensors or 3rd analog output Not possible with universal AC power module RS485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module		0	1	2	4	5	6																								
15	Cable bushings	Cable gland M20*1.5 Conduit fitting NPT1/2" Note: The universal AC power must not be connected through the 8-pole connector or D9 adapter	8-pole connector with 5m cable 8-pole counter connector with screw terminals D9 adapter Only for RS232C, RS485 and DC supply																															
16	Pressure fitting	Barbed fitting for 1/8" hose Quick connector with shut-off 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																															
18	Humidity sensor	Composite sensor Composite sensor with chemical purge Composite sensor Composite sensor with chemical purge	HUMICAP180RC HUMICAP180RC HUMICAP180C HUMICAP180C																															
19	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid Vaporized hydrogen peroxide (VHP) resistant filter																																
20	Probe installation accessories	No kit Duct Installation kit Cable Gland AGRO 2 x Duct installation kits																																
21	User's Guide language	No User's Guide English French Japanese																																
22	PC Accessories	No Service cable for PC, RS232 (D9 female connector) MITOLINK software for Windows® with RS232 service cable Service cable for PC, USB MITOLINK software for Windows® with USB service cable																																
23	Calibration	ISO9001 compliant factory calibration ISO9001 extended temperature range calibration for RH & T (-20 °C, 0 °C, +60 °C) Special calibration																																

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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: _____

TOTAL
QTY
TOTAL VALUE



Order form
Purchaser

Valid from January 2014
Order no.

Combined Pressure and Temperature Transmitter PTU30T

For Pressure and Temperature Measurement

Vaisala Combined Pressure and Temperature Transmitter		PTU30T	T	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	Transmitter type	PTU30T	for pressure and temperature only	T																							PRICE		
2	Pressure range	500...1100 hPa 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	Temperature probe length	2m cable 5 m cable 10 m cable		H J K																									
4	Additional temperature probe	No probe		0																									
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/WLAN 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) 4... 20 mA RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 20 mA RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 1 V RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 5 V RS232C + Analog outputs (Ch1 & Ch2, optional Ch3) 0... 10 V		0 1 2 3 4 5																									
8-10	Parameter and scaling for analog output (Ch1, Ch2, Ch3)	No Analog output T (T range: selection in step 11) P (pressure range: selection in step 2)			A C P																								
	Special	Define scale for Ch1: _____ Ch2: _____ Ch3: _____			X X X																								
	Note:	- If any analog outputs selected, please specify at least Ch1 & Ch2 parameters and scalings - 3rd analog output (Ch3) is not possible with two pressure sensors or an optional module			Channel 1 only for T Channel 2 only for T Channel 3 only for pressure (optional)																								
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)		A B F K X																								
12	Output format	Standard			1																								
13	Output units	Metric Non-metric			A B																								
14	Optional module	No module Relay output Note: Up to one optional module can be selected	Mandatory with two pressure sensors or 3rd analog output Not possible with universal AC power module RS485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module	0 1 2 4 5 6																									
15	Cable bushings	Cable gland M20*1,5 Conduit fitting NPT1/2" Note: The universal AC power must not be connected through the 8-pole connector or D9 adapter	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			1 2																								
17	Transmitter installation	Normal mounting Wall mounting plate Pole installation kit Pole installation kit with Rain Shield DIN rail kit			A B C D E																								
18	Humidity sensor	No humidity sensor			0																								
19	Sensor protection	No sensor protection			A																								
20	Probe installation accessories	No probe installation accessories			0																								
21	User's Guide language	No User's Guide English French Japanese pdf user guides available at: www.vaisala.com/ptu300			A B D J																								
22	PC Accessories	No Service cable for PC, RS232 (D9 female connector) MITOLINK software for Windows® with RS232 service cable Service cable for PC, USB MITOLINK software for Windows® with USB service cable			0 1 2 3 4																								
23	Calibration	ISO9001 compliant factory calibration ISO9001 extended temperature range calibration for T (-20 °C, 0 °C, +60 °C) Special calibration			A H X																								
																												TOTAL	
																												QTY	
																												TOTAL VALUE	

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Example of order code with typical settings:

PTU300 T 1 H 0 1 A 1 C C P B 1 A 0 A 1 A 0 A 0 B 0 A

End customer: _____