



Order form
Purchaser _____

Valid from September 2009
Order no. _____

VAISALA Pressure, Humidity and Temperature Transmitter PTU301

VAISALA Pressure, Humidity and Temperature Transmitter				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	PTU301	for wall mounting	1	A	0																				
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	Wall mount probe	No probe			A																					
4	Additional temperature probe	No probe		0																						
5	Display	No display Graphic LCD with backlight		0 1																						
6	Power supply	10...35 VDC, 24 VAC Galvanic isolation for outputs 10...35 VDC 24 VAC 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 output RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3)	Mandatory with two pressure sensors or an optional module 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 item 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: _____			X X X																					
11	Analog output range for temperature	No analog output -40...+60 °C Note: Select option A, if T output is not required	(-40...+140 °F) (-4...+140 °F) (+32...+140 °F)		A B F K X																					
12	Output format	Standard	special range :		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) Data logger module	Mandatory with two pressure sensors or analog output Not possible with universal AC power module Not possible with universal AC power module		0 1 2 4 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	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	General purpose Chemical purge General purpose and high chemical concentrations Chemical purge	HUMICAP180 HUMICAP180C HUMICAP180R HUMICAP180RC		1 4 A C																					
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 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 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	See separate order form		A H 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 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: _____



Order form
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Valid from September 2009
Order no.

VAISALA Pressure, Humidity and Temperature Transmitter PTU303

VAISALA Pressure, Humidity and Temperature Transmitter PTU303			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	PTU303																									
2	Pressure range	500...1100 hPa 500...1100 hPa 500...1100 hPa 500...1100 hPa 50...1100 hPa 50...1100 hPa	for general use 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	2 m cable 5 m cable 10 m cable								B	C																
4	Additional temperature probe	No probe																									
5	Display	No display Graphic LCD with backlight																									
6	Power supply	10...35 VDC, 24 VAC Galvanic isolation for outputs 10...35 VDC 24 VAC 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)	Mandatory with two pressure sensors or an optional module Not IP65																								
7	Output signal	RS232C only, No Analog output RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3)	Mandatory with two pressure sensors or an optional module 4... 20 mA 0... 20 mA 0... 1 V 0... 5 V 0... 10 V	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/m ³) (0...262 gr/ft ³) 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 item 2)																									
	Special	Define quantity for Ch1: _____ Ch2: _____ Define scale for Ch1: _____ Ch2: _____ Ch3: _____ Channel 1 Channel 2 Channel 3 only for pressure																									
11	Analog output range for temperature	No analog output -40...+60 °C (-40...+140 °F) -20...+60 °C (-4...+140 °F) 0...+60 °C (+32...+140 °F)	special range : _____																								
12	Output format	Standard																									
13	Output units	Metric Non-metric																									
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	Mandatory with two pressure sensors or analog output Not possible with universal AC power module	1	2	3	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-adapter	Only for RS232C, RS485 and DC supply																								
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																									
18	Humidity sensor	General purpose HUMICAP180 Chemical purge HUMICAP180C General purpose and high chemical concentrations HUMICAP180R Chemical purge HUMICAP180RC																									
19	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid																									
20	Probe installation accessories	No kit Duct Installation kit Cable Gland AGRO																									
21	User's Guide language	No User's Guide English French Japanese																									
22	PC Accessories	No Service cable for PC, RS232 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 See separate order form																									
	TOTAL																										
	QTY																										
	TOTAL VALUE																										

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Example of order code with typical settings:

PTU300 3 1 B 0 1 A 1 B C P B 1 A 0 A 1 A A B 0 B 0 A

End customer: _____



Order form
Purchaser

Valid from September 2009
Order no.

VAISALA Pressure, Humidity and Temperature Transmitter PTU307

VAISALA 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	for high humidity	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	2m cable 5 m cable 10 m cable			E	F	G																				
4	Additional temperature probe	No probe 2 m cable 5 m cable 10 m cable			0	1	2	3																			
5	Display	No display Graphic LCD with backlight			0	1																					
6	Power supply	10...35 VDC, 24 VAC Galvanic isolation for outputs 10...35 VDC 24 VAC 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 output Mandatory with two pressure sensors or an optional module RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, Ch3) RS232C + Optional Analog output (Ch1, Ch2, 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 item 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	B	C	D	E	F	G	H	I	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			X	X	X																				
11	Analog output range for temperature	No analog output -40...+60 °C -20...+60 °C 0...+60 °C if T output is not required	(-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 Relay output RS485 serial interface (galvanically isolated) LAN (Ethernet) interface + 2 m cable (RJ45) WLAN (Wireless Ethernet) interface + antenna Data logger module	Mandatory with two pressure sensors or analog output Not possible with universal AC power 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	Composite sensor Composite sensor with chemical purge Composite sensor Composite sensor with chemical purge	HUMICAP180C HUMICAP180C HUMICAP180RC HUMICAP180RC																								
19	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid																									
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 Service cable for PC, RS232 M70LINK software for Windows® with RS232 service cable Service cable for PC, USB M70LINK 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	See separate order form		A	H	X																				
																								TOTAL			
																								QTY			
																								TOTAL VALUE			

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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: _____

