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### PTU303 Cảm biến kết hợp áp suất, độ ẩm và nhiệt độ

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
1	Transmitter type	PTU303	for general use	3																						
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	Probe cable length	2 m cable, +80 °C 5 m cable, +80 °C 10 m cable, +80 °C 20 m cable, +80 °C			B C D P																					
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) 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)		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																					
	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																								
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			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 3rd analog output Not possible with universal AC power module Not possible with D9-adaptor and 8-pole connectors	0 1 2 4 6																						
15	Cable bushings	Cable gland M20x1.5 Conduit fitting NPT1/2" 8-pole connector with 5m cable 8-pole counter connector with screw terminals D9-adaptor	spare cable: 212142 spare connector: 212416 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	General purpose and high chemical concentrations Composite sensor with chemical purge option General purpose Composite sensor with chemical purge option	HUMICAP180R HUMICAP180RC HUMICAP180 HUMICAP180C		A C 1 4																					
19	Sensor protection	PPS plastic grid & stainless steel netting PPS plastic grid Sintered stainless steel filter Stainless steel grid	spare: DRW010281SP spare: DRW010276SP spare: HMA7280SP spare: HMA7453SP		B C D E																					
20	Probe installation accessories	No kit Duct Installation kit Cable Gland AGRO, M20x1.5 with split seal	spare: 210697 spare: HMP247CG																							
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) MITOLINK software for Windows® with RS232 service cable Service cable for PC, USB MITOLINK software for Windows® with USB service cable	item: 19446ZZ item: 215005 item: 219685 item: 219916																							
23	Calibration	ISO9001 compliant factory calibration Special calibration	See separate order form service item: HELSPECIALCAL																							

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 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: \_\_\_\_\_

TOTAL  
QTY  
TOTAL VALUE