VAISALA

Order form
Purchaser

Valid from September 2008
Order no.

HMT331 Humidity and Temperature Transmitter

For wall mounting

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PRICE
Vaisala HUMICAP® Humidity and Temperature Transmitter			**HMT330**	**1**	**A**	**0**																**A**					
1	**Transmitter type**	**HMT331**		**1**																							
2	**Wall probe**				**A**																						
3	**No additional temperature probe**					**0**																					
4	**Parameters**	**RH+T**					**A**																				
		RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT					*B*																				
5	**Display**	**No display**						**0**																			
		Graphic LCD with backlight						*1*																			
6	**Power supply**	**10...35 VDC , 24 VAC**							**0**																		
		Galvanic isolation for outputs 10...35 VDC, 24 VAC							*1*																		
		Universal AC-power (100...240 VAC)							*2*																		
		Universal AC-power (100...240 VAC) + US power cord							*3*																		
		Universal AC-power (100...240 VAC) + EUR power cord							*4*																		
		Universal AC-power (100...240 VAC) + UK power cord							*5*																		
		Universal AC-power (100...240 VAC) + AUS power cord							*6*																		
		External US AC-adapter (for LAN/WLAN interface in USA and Canada)	*Not IP65*						*9*																		
7	**Signal output**	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**							**1**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**							**2**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**							**3**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**							**4**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**							**5**																	
		+ Serial interface RS232 or optional communication module																									
8	**Analog output signals**	**No 3rd analog output**												**A**													
9	**for Ch1 , Ch2 and Ch3**	**RH**	**(0...100%RH)**									**B**	**B**	*B*													
10		**T**	**(range: see below)**									**C**	**C**	*C*													
		Td (-20...100°C)	**(-4...+212 °F)**									**D**	**D**	*D*													
		Tdf (-20...100°C)	**(-4...+212 °F)**									**E**	**E**	*E*													
		a (0...600g/m3)	**(0...262 gr/ft3)**									**F**	**F**	*F*													
		Tw (0...100°C)	**(+32...+212°F)**									**G**	**G**	*G*													
		x (0...500g/kg d.a)	**(0...3500gr/lb)**									**H**	**H**	*H*													
		h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**									**J**	**J**	*J*													
		ppm (0…5000)	**(0…5000)**									**K**	**K**	*K*													
		pw (0…1000 hPa)	**(0…14.5psi)**									**L**	**L**	*L*													
		pws (0…1000 hPa)	**(0…14.5psi)**									**M**	**M**	*M*													
		dT (-10...+50 °C)	**(14...+122 °F)**									**N**	**N**	*N*													
	SPECIAL	**Define quantity**	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____									**X**	**X**	*X*													
		Define scale	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____																								
			Channel 1																								
			Channel 2																								
			Channel 3, choose A if not needed																								
11	**Analog output range**	**No temperature output**													**A**												
	for temperature	**-40...+60°C**	**(-40...+140°F)**												**B**												
	Note:	**-20...+60°C**	**(-4...+140°F)**												**F**												
	- Choose option A, if no	**0...+60°C**	**(+32...+140°F)**												**K**												
	T output is desired	**Special**	**:**_____												**X**												
12	**Output units**	**Metric**														**1**											
		Non-metric														**2**											
13	**Option for module slot 1**	**No module**															**0**										
		Relay output															*1*										
		RS-485 serial interface (galvanically isolated)															*2*										
		LAN (Ethernet) interface + 2 m cable (RJ45)	*Not with universal AC-power*														*4*										
		Data logger module															*6*										
14	**Option for module slot 2**	**No module**																**0**									
		Relay output																*1*									
		3rd Analog output	*Choose also analog output signal for Ch3*															*3*									
		Data logger module	*Not possible if the data logger module has already been chosen in item 13*															*6*									
15	**Cable bushings**	**Cable gland M20*1.5**																	**A**								
	Note! The Universal	**Conduit fitting NPT1/2"**																	**B**								
	AC power not connected	*8-pole connector with 5 m cable*																	*C*								
	through 8-pole connector!	*8-pole counter connector equipped with screw terminals*																	*D*								
16	**Transmitter installation**	**Normal mounting**																		**0**							
		Wall mounting plate																		*1*							
		Pole installation kit																		*2*							
		Pole installation kit with rain shield																		*3*							
		DIN rail kit																		*4*							
17	**Humidity sensor type**	**General purpose**	**HUMICAP180**																		**1**						
		Chemical purge	*HUMICAP180C*																		*4*						
		General purpose and high chemical concentrations	**HUMICAP180R**																		**A**						
		Chemical purge	*HUMICAP180RC*																		*C*						
18	**Sensor protection**	**PPS plastic grid & stainless steel netting**																				**A**					
		PPS plastic grid																				**B**					
		Sintered stainless steel filter																				**C**					
19	**No probe installation kit**																					**A**					
20	**Operating manual**	**No manual**																					**A**				
	language	**English**																					**B**				
		German																					**C**				
		French																					**D**				
		Finnish																					**E**				
		Swedish																					**F**				
		Japanese																					**J**				
		Russian																					**K**				
21	**PC Accessories**	**No**																						**A**			
		Service cable for PC, RS232																						*B*			
		MI70LINK software for Windows® with RS232 service cable																						*C*			
		Service cable for PC, USB																						*D*			
		MI70LINK software for Windows® with USB service cable																						*E*			
22	**Calibration /**	**ISO9001 compliant factory calibration / No calibration contract**																							**A**		
	Calibration contract	*ISO 9001 compliant calibration 3 years*																							*B*		
		ISO 9001 compliant calibration 5 years																							*C*		
		ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)																							*D*		
		ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)																							*E*		
		ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)																							*F*		
		ISO 17025 Accredited calibration, 7 points (RH+T) 0...60°C (replaces standard factory calibration)																							*K*		
		ISO 17025 Accredited calibration, 7 points (RH+T) 0...60°C 3 years (calibration contract)																							*L*		
		ISO 17025 Accredited calibration, 7 points (RH+T) 0...60°C 5 years (calibration contract)																							*M*		
23	**Additional maintenance**	**No maintenance and repair contract**																								**1**	
		Maintenance and repair contract 3 years																								*2*	
		Maintenance and repair contract 5 years																								*3*	
	* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period																										
																									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:

HMT330	1	A	0	A	1	0	1	B	C	A	B	1	0	0	A	0	1	A	A	B	A	A	1

End customer: _____

VAISALA

Order form
Purchaser

Valid from September 2008
Order no.

HMT333 Humidity and Temperature Transmitter

For general use

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PRICE
Vaisala HUMICAP® Humidity and Temperature Transmitter		**HMT330**	**3**		**0**																					
1 Transmitter type	**HMT333**		**3**																							
2 Cable length	**2 m cable, +80°C**			**E**																						
	5 m cable, +80°C			*F*																						
	10 m cable, +80°C			*G*																						
	2 m cable, +120°C			*4*																						
	5 m cable, +120°C			*5*																						
	10 m cable, +120°C			*6*																						
3 No additional temperature probe					**0**																					
4 Parameters	**RH+T**					**A**																				
	RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT					*B*																				
5 Display	**No display**						**0**																			
	Graphic LCD with backlight						*1*																			
6 Power supply	**10...35 VDC , 24 VAC**							**0**																		
	Galvanic isolation for outputs 10...35 VDC , 24 VAC							*1*																		
	Universal AC-power (100...240 VAC)							*2*																		
	Universal AC-power (100...240 VAC) + US power cord							*3*																		
	Universal AC-power (100...240 VAC) + EUR power cord							*4*																		
	Universal AC-power (100...240 VAC) + UK power cord							*5*																		
	Universal AC-power (100...240 VAC) + AUS power cord							*6*																		
	External US AC-adapter (for LAN/WLAN interface in USA and Canada)	*Not IP65*						*9*																		
7 Signal output	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**							**1**																	
	Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**							**2**																	
	Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**							**3**																	
	Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**							**4**																	
	Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**							**5**																	
	+ Serial interface RS232 or optional communication module																									
8 Analog output signals	**No 3rd analog output**											**A**														
9 for Ch1 , Ch2 and Ch3	**RH**	**(0... 100%RH)**								**B**	**B**	*B*														
10	**T**	**(range: see below)**								**C**	**C**	*C*														
	Td (-20...100°C)	**(-4...+212 °F)**								**D**	**D**	*D*														
	Tdf (-20...100°C)	**(-4...+212 °F)**								**E**	**E**	*E*														
	a (0...600g/m3)	**(0...262 gr/ft3)**								**F**	**F**	*F*														
	Tw (0...100°C)	**(+32...+212°F)**								**G**	**G**	*G*														
	x (0...500g/kg d.a)	**(0...3500gr/lb)**								**H**	**H**	*H*														
	h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**								**J**	**J**	*J*														
	ppm (0…5000)	**(0…5000)**								**K**	**K**	*K*														
	pw (0…1000 hPa)	**(0…14.5psi)**								**L**	**L**	*L*														
	pws (0…1000 hPa)	**(0…14.5psi)**								**M**	**M**	*M*														
	dT (-10...+50 °C)	**(14...+122 °F)**								**N**	**N**	*N*														
SPECIAL	**Define quantity**	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____								**X**	**X**	*X*														
	Define scale	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____																								
		Channel 1																								
		Channel 2																								
		Channel 3, choose A if not needed																								
11 Analog output range	**No temperature output**												**A**													
for temperature	**-40...+60°C**	**(-40...+140°F)**											**B**													
- Choose option A, if no	**-40...+80°C**	**(-40...+176°F)**											**C**													
T output is desired	**-40...+120°C**	**(-40...+248°F)**											**D**													
	-20...+60°C	**(-4...+140°F)**											**F**													
	-20...+80°C	**(-4...+176°F)**											**G**													
	-20...+120°C	**(-4...+248°F)**											**H**													
	0...+60°C	**(+32...+140°F)**											**K**													
	0...+100°C	**(+32...+212°F)**											**L**													
	0...+120°C	**(+32...248°F)**											**M**													
	special	**:**_____											**X**													
12 Output units	**Metric**													**1**												
	Non-metric													**2**												
13 Option for module slot 1	**No module**														**0**											
	Relay output														*1*											
	RS-485 serial interface (galvanically isolated)														*2*											
	LAN (Ethernet) interface + 2 m cable (RJ45)														*4*											
	WLAN (Wireless Ethernet) interface + antenna														*5*											
	Data logger module														*6*											
14 Option for module slot 2	**No module**															**0**										
	Relay output															*1*										
	3rd Analog output	*Choose also analog output signal for Ch3*														*3*										
	Data logger module	*Not possible if the data logger module has already been chosen in item 13*														*6*										
15 Cable bushings	**Cable gland M20*1.5**																**A**									
Note! The Universal	**Conduit fitting NPT1/2"**																**B**									
AC power not connected	*8-pole connector with 5m cable*																*C*									
through 8-pole connector!	*8-pole counter connector equipped with screw terminals*																*D*									
16 Transmitter installation	**Normal mounting**																	**0**								
	Wall mounting plate																	*1*								
	Pole installation kit																	*2*								
	Pole installation kit with rain shield																	*3*								
	DIN rail kit																	*4*								
17 Humidity sensor type	**General purpose**	**HUMICAP180**																	**1**							
	Chemical purge	*HUMICAP180C*																	*4*							
	General purpose and high chemical concentrations	**HUMICAP180R**																	**A**							
	Chemical purge	*HUMICAP180RC*																	*C*							
18 Sensor protection	**PPS plastic grid & stainless steel netting**																			**A**						
	PPS plastic grid																			**B**						
	Sintered stainless steel filter																			**C**						
19 Installation kit	**No kit**																				**A**					
for probe	*Duct installation kit*																				*C*					
	Cable gland AGRO																				*D*					
20 Operating manual	**No manual**																					**A**				
language	**English**																					**B**				
	German																					**C**				
	French																					**D**				
	Finnish																					**E**				
	Swedish																					**F**				
	Japanese																					**J**				
	Russian																					**K**				
21 PC Accessories	**No**																						**A**			
	Service cable for PC, RS232																						*B*			
	MI70LINK software for Windows® with RS232 service cable																						*C*			
	Service cable for PC, USB																						*D*			
	MI70LINK software for Windows® with USB service cable																						*E*			
22 Calibration /	**ISO9001 compliant factory calibration / No calibration contract**																							**A**		
Calibration contract	*ISO 9001 compliant calibration 3 years*																							*B*		
	ISO 9001 compliant calibration 5 years																							*C*		
	ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)																							*D*		
	ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)																							*E*		
	ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)																							*F*		
	ISO 17025 Accredited calibration, 7 points (RH+T) (replaces standard factory calibration)																							*G*		
	ISO 17025 Accredited calibration, 7 points (RH+T) 3 years (calibration contract)																							*H*		
	ISO 17025 Accredited calibration, 7 points (RH+T) 5 years (calibration contract)																							*J*		
23 Additional Maintenance	**No maintenance and repair contract**																								**1**	
	Maintenance and repair contract 3 years																								*2*	
	Maintenance and repair contract 5 years																								*3*	

* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period

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:

HMT330	**3**	**E**	**0**	**A**	**1**	**0**	**1**	**B**	**C**	**A**	**F**	**1**	**0**	**0**	**A**	**0**	**1**	**A**	**A**	**B**	**A**	**A**	**1**

End customer: _____

VAISALA

Order form
Purchaser

Valid from September 2008
Order no.

ESIS Pty Ltd
Ph 02 9481 7420
Fax 02 9481 7267
www.esis.com.au

HMT334 Humidity and Temperature Transmitter

For pressurized processes

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PRICE
Vaisala HUMICAP® Humidity and Temperature Transmitter			**HMT330**	**4**		**0**																					
1	**Transmitter type**	**HMT334**		**4**																							
2	**Cable lenght**	**2 m cable**																									
		5 m cable																									
		10 m cable																									
3	**No additional temperature probe**																										
4	**Parameters**	**RH+T**																									
		RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT																									
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) + EUR power cord																									
		Universal AC-power (100...240 VAC) + UK power cord																									
		Universal AC-power (100...240 VAC) + AUS power cord																									
		External US AC-adapter (for LAN/WLAN interface in USA and Canada)	*Not IP65*																								
7	**Signal output**	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**																								
		Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**																								
		Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**																								
		Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**																								
		Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**																								
		+ Serial interface RS232 or optional communication module																									
8	**Analog output signals**	**No 3rd analog output**																									
9	**for Ch1 , Ch2 and Ch3**	**RH**	**(0... 100%RH)**																								
10		**T**	**(range: see below)**																								
		Td (-20...100°C)	**(-4...+212 °F)**																								
		Tdf (-20...100°C)	**(-4...+212 °F)**																								
		a (0...600g/m3)	**(0...262 gr/ft3)**																								
		Tw (0...100°C)	**(+32...+212°F)**																								
		x (0...500g/kg d.a)	**(0...3500gr/lb)**																								
		h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**																								
		ppm (0…5000)	**(0…5000)**																								
		pw (0…1000 hPa)	**(0…14.5psi)**																								
		pws (0…1000 hPa)	**(0…14.5psi)**																								
		dT (-10...+50 °C)	**(14...+122 °F)**																								
	SPECIAL	**Define quantity**	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____																								
		Define scale	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____																								
			Channel 1																								
			Channel 2																								
			Channel 3, choose A, if not needed																								
11	**Analog output range**	**No temperature output**																									
	for temperature	**-40...+60°C**	**(-40...+140°F)**																								
		-40...+80°C	**(-40...+176°F)**																								
	Note:	**-40...+120°C**	**(-40...+248°F)**																								
	- Choose option A, if no	**-40...+180°C**	**(-40...+356°F)**																								
	T output is desired	**-20...+60°C**	**(-4...+140°F)**																								
		-20...+80°C	**(-4...+176°F)**																								
		-20...+120°C	**(-4...+248°F)**																								
		-20...+180°C	**(-4...+356°F)**																								
		0...+60°C	**(+32...+140°F)**																								
		0...+100°C	**(+32...+ 212°F)**																								
		0...+120°C	**(+32...248°F)**																								
		0...+180°C	**(+32...356°F)**																								
		-60...60 °C	**(-76...+140°F)**																								
		Special	**:**_____																								
12	**Output units**	**Metric**																									
		Non-metric																									
13	**Option for module slot 1**	**No module**																									
		Relay output																									
		RS-485 serial interface (galvanically isolated)																									
		LAN (Ethernet) interface + 2 m cable (RJ45)																									
		WLAN (Wireless Ethernet) interface + antenna																									
		Data logger module																									
14	**Option for module slot 2**	**No module**																									
		Relay output																									
		3rd Analog output	*Choose also analog output signal for Ch3*																								
		Data logger module	*Not possible if the data logger module has already been chosen in item 13*																								
15	**Cable bushings**	**Cable gland M20*1.5**																									
	Note! The Universal	**Conduit fitting NPT1/2"**																									
	AC power not connected	*8-pole connector with 5m cable*																									
	through 8-pole connector!	*8-pole counter connector equipped with screw terminals*																									
16	**Transmitter installation**	**Normal mounting**																									
		Wall mounting plate																									
		Pole installation kit																									
		Pole installation kit with rain shield																									
		DIN rail kit																									
17	**Humidity sensor type**	**General purpose**	**HUMICAP180**																								
		Chemical purge	*HUMICAP180C*																								
		General purpose and high chemical concentrations	**HUMICAP180R**																								
		Chemical purge	*HUMICAP180RC*																								
18	**Sensor protection**	**PPS plastic grid & stainless steel netting**																									
		PPS plastic grid																									
		Sintered stainless steel filter																									
		Stainless steel grid																									
19	**Installation kit**	**Fitting body M22 x 1,5**																									
	for probe	**Fitting body NPT 1/2"**																									
20	**Operating manual**	**No manual**																									
	language	**English**																									
		German																									
		French																									
		Finnish																									
		Swedish																									
		Japanese																									
		Russian																									
21	**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																									
22	**Calibration /**	**ISO9001 compliant factory calibration / No calibration contract**																									
	Calibration contract	*ISO 9001 compliant calibration 3 years*																									
		ISO 9001 compliant calibration 5 years																									
		ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)																									
		ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)																									
		ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)																									
		ISO 17025 Accredited calibration, 7 points (RH+T) (replaces standard factory calibration)																									
		ISO 17025 Accredited calibration, 7 points (RH+T) 3 years (calibration contract)																									
		ISO 17025 Accredited calibration, 7 points (RH+T) 5 years (calibration contract)																									
23	**Additional Maintenance**	**No maintenance and repair contract**																									
		Maintenance and repair contract 3 years																									
		Maintenance and repair contract 5 years																									

* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period

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:

HMT330	4	H	0	A	1	0	1	B	C	A	L	1	0	0	A	0	1	A	E	B	A	A	1

End customer: _____

VAISALA

Order form
Purchaser _____

Valid from September 2008
Order no. _____

HMT335 Humidity and Temperature Transmitter

For high temperatures

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PRICE
Vaisala HUMICAP® Humidity and Temperature Transmitter			**HMT330**	**5**		**0**																					
1	**Transmitter type**	**HMT335**		**5**																							
2	**Cable lenght**	**2 m cable**																									
		5 m cable																									
		10 m cable																									
3	**No additional temperature probe**																										
4	**Parameters**	**RH+T**																									
		RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT																									
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) + EUR power cord																									
		Universal AC-power (100...240 VAC) + UK power cord																									
		Universal AC-power (100...240 VAC) + AUS power cord																									
		External US AC-adapter (for LAN/WLAN interface in USA and Canada)	*Not IP65*																								
7	**Signal output**	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**								**1**																
		Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**								**2**																
		Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**								**3**																
		Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**								**4**																
		Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**								**5**																
		+ Serial interface RS232 or optional communication module																									
8	**Analog output signals**	**No 3rd analog output**												**A**													
9	**for Ch1 , Ch2 and Ch3**	**RH**	**(0... 100%RH)**									**B**	**B**	*B*													
10		**T**	**(range: see below)**									**C**	**C**	*C*													
		Td (-20...100°C)	**(-4...+212 °F)**									**D**	**D**	*D*													
		Tdf (-20...100°C)	**(-4...+212 °F)**									**E**	**E**	*E*													
		a (0...600g/m3)	**(0...262 gr/ft3)**									**F**	**F**	*F*													
		Tw (0...100°C)	**(+32...+212°F)**									**G**	**G**	*G*													
		x (0...500g/kg d.a)	**(0...3500gr/lb)**									**H**	**H**	*H*													
		h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**									**J**	**J**	*J*													
		ppm (0…5000)	**(0…5000)**									**K**	**K**	*K*													
		pw (0…1000 hPa)	**(0…14.5psi)**									**L**	**L**	*L*													
		pws (0…1000 hPa)	**(0…14.5psi)**									**M**	**M**	*M*													
		dT (-10...+50 °C)	**(14...+122 °F)**									**N**	**N**	*N*													
	SPECIAL	**Define quantity**	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____									**X**	**X**	*X*													
		Define scale	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____																								
			Channel 1																								
			Channel 2																								
			Channel 3, choose A, if not needed																								
11	**Analog output range**	**No temperature output**													**A**												
	for temperature	**-40...+60°C**	**(-40...+140°F)**												**B**												
		-40...+80°C	**(-40...+176°F)**												**C**												
	Note:	**-40...+120°C**	**(-40...+248°F)**												**D**												
	- Choose option A, if no	**-40...+180°C**	**(-40...+356°F)**												**E**												
	T output is desired	**-20...+60°C**	**(-4...+140°F)**												**F**												
		-20...+80°C	**(-4...+176°F)**												**G**												
		-20...+120°C	**(-4...+248°F)**												**H**												
		-20...+180°C	**(-4...+356°F)**												**J**												
		0...+60°C	**(+32...+140°F)**												**K**												
		0...+100°C	**(+32...+ 212°F)**												**L**												
		0...+120°C	**(+32...248°F)**												**M**												
		0...+180°C	**(+32...356°F)**												**N**												
		-60...60 °C	**(-76...+140°F)**												**P**												
		Special	**:**_____												**X**												
12	**Output units**	**Metric**														**1**											
		Non-metric														**2**											
13	**Option for module slot 1**	**No module**															**0**										
		Relay output															*1*										
		RS-485 serial interface (galvanically isolated)															*2*										
		LAN (Ethernet) interface + 2 m cable (RJ45)															*4*										
		WLAN (Wireless Ethernet) interface + antenna															*5*										
		Data logger module															*6*										
14	**Option for module slot 2**	**No module**																**0**									
		Relay output																*1*									
		3rd Analog output	*Choose also analog output signal for Ch3*															*3*									
		Data logger module	*Not possible if the data logger module has already been chosen in item 13*															*6*									
15	**Cable bushings**	**Cable gland M20*1.5**																	**A**								
	Note! The Universal	**Conduit fitting NPT1/2"**																	**B**								
	AC power not connected	*8-pole connector with 5m cable*																	*C*								
	through 8-pole connector!	*8-pole counter connector equipped with screw terminals*																	*D*								
16	**Transmitter installation**	**Normal mounting**																		**0**							
		Wall mounting plate																		*1*							
		Pole installation kit																		*2*							
		Pole installation kit with rain shield																		*3*							
		DIN rail kit																		*4*							
17	**Humidity sensor type**	**General purpose**	**HUMICAP180**																		**1**						
		Chemical purge	*HUMICAP180C*																		*4*						
		General purpose and high chemical concentrations	**HUMICAP180R**																		**A**						
		Chemical purge	*HUMICAP180RC*																		*C*						
18	**Sensor protection in probe**	**PPS plastic grid & stainless steel netting**																				**A**					
		PPS plastic grid																				**B**					
		Sintered stainless steel filter																				**C**					
		Stainless steel grid																				**D**					
19	**Installation kit**	**No kit**																					**A**				
	for probe	*Mounting flange*																					*G*				
20	**Operating manual**	**No manual**																						**A**			
	language	**English**																						**B**			
		German																						**C**			
		French																						**D**			
		Finnish																						**E**			
		Swedish																						**F**			
		Japanese																						**J**			
		Russian																						**K**			
21	**PC Accessories**	**No**																							**A**		
		Service cable for PC, RS232																							*B*		
		MI70LINK software for Windows® with RS232 service cable																							*C*		
		Service cable for PC, USB																							*D*		
		MI70LINK software for Windows® with USB service cable																							*E*		
22	**Calibration /**	**ISO9001 compliant factory calibration / No calibration contract**																								**A**	
	Calibration contract	*ISO 9001 compliant calibration 3 years*																								*B*	
		ISO 9001 compliant calibration 5 years																								*C*	
		ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)																								*D*	
		ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)																								*E*	
		ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)																								*F*	
		ISO 17025 Accredited calibration, 7 points (RH+T) (replaces standard factory calibration)																								*G*	
		ISO 17025 Accredited calibration, 7 points (RH+T) 3 years (calibration contract)																								*H*	
		ISO 17025 Accredited calibration, 7 points (RH+T) 5 years (calibration contract)																								*J*	
23	**Additional Maintenance**	**No maintenance and repair contract**																									**1**
		Maintenance and repair contract 3 years																									*2*
		Maintenance and repair contract 5 years																									*3*

* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period

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:

HMT330	5	L	0	A	1	0	1	B	C	A	B	1	0	0	A	0	1	A	A	B	A	A	1

End customer: _____

VAISALA

Order form
Purchaser

Valid from September 2008
Order no.

HMT337 Humidity and Temperature Transmitter

For high humidities

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PRICE
Vaisala HUMICAP® Humidity and Temperature Transmitter			**HMT330**	**7**		**0**																					
1	**Transmitter type**	**HMT337**		**7**																							
2	**Cable lenght**	**2 m cable**			**S**																						
		5 m cable			*T*																						
		10 m cable			*U*																						
3	**Additional temperature probe**	**No probe**				**0**																					
4	**Parameters**	**RH+T**					**A**																				
		RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT					*B*																				
5	**Display**	**No display**						**0**																			
		Graphic LCD with backlight						*1*																			
6	**Power supply**	**10...35 VDC , 24 VAC**							**0**																		
		Galvanic isolation for outputs 10...35 VDC , 24 VAC							*1*																		
		Universal AC-power (100...240 VAC)							*2*																		
		Universal AC-power (100...240 VAC) + US power cord							*3*																		
		Universal AC-power (100...240 VAC) + EUR power cord							*4*																		
		Universal AC-power (100...240 VAC) + UK power cord							*5*																		
		Universal AC-power (100...240 VAC) + AUS power cord							*6*																		
		External US AC-adapter (for LAN/WLAN interface in USA and Canada)	*Not IP65*						*9*																		
7	**Signal output**	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**							**1**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**							**2**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**							**3**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**							**4**																	
		Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**							**5**																	
		+ Serial interface RS232 or optional communication module																									
8	**Analog output signals**	**No 3rd analog output**											**A**														
9	**for Ch1 , Ch2 and Ch3**	**RH**	**(0... 100%RH)**								**B**	**B**	*B*														
10		**T**	**(range : see below)**								**C**	**C**	*C*														
		Td (-20...100°C)	**(-4...+212 °F)**								**D**	**D**	*D*														
		Tdf (-20...100°C)	**(-4...+212 °F)**								**E**	**E**	*E*														
		a (0...600g/m3)	**(0...262 gr/ft3)**								**F**	**F**	*F*														
		Tw (0...100°C)	**(+32...+212°F)**								**G**	**G**	*G*														
		x (0...500g/kg d.a)	**(0...3500gr/lb)**								**H**	**H**	*H*														
		h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**								**J**	**J**	*J*														
		ppm (0…5000)	**(0…5000)**								**K**	**K**	*K*														
		pw (0…1000 hPa)	**(0…14.5psi)**								**L**	**L**	*L*														
		pws (0…1000 hPa)	**(0…14.5psi)**								**M**	**M**	*M*														
		dT (-10...+50 °C)	**(14...+122 °F)**								**N**	**N**	*N*														
	SPECIAL	**Define quantity**	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____								**X**	**X**	*X*														
		Define scale	**Ch1:**_____ **Ch2:**_____ **Optional Ch3:**_____																								
			Channel 1																								
			Channel 2																								
			Channel 3, choose A, if not needed																								
11	**Analog output range**	**No temperature output**												**A**													
	for temperature	**-40...+60°C**	**(-40...+140°F)**											**B**													
		-40...+80°C	**(-40...+176°F)**											**C**													
	Note:	**-40...+120°C**	**(-40...+248°F)**											**D**													
	- Choose option A, if no	**-40...+180°C**	**(-40...+356°F)**											**E**													
	T output is desired	**-20...+60°C**	**(-4...+140°F)**											**F**													
		-20...+80°C	**(-4...+176°F)**											**G**													
		-20...+120°C	**(-4...+248°F)**											**H**													
		-20...+180°C	**(-4...+356°F)**											**J**													
		0...+60°C	**(+32...+140°F)**											**K**													
		0...+100°C	**(+32...+ 212°F)**											**L**													
		0...+120°C	**(+32...248°F)**											**M**													
		0...+180°C	**(+32...356°F)**											**N**													
		-60...60 °C	**(-76...+140°F)**											**P**													
		Special	**:**_____											**X**													
12	**Output units**	**Metric**													**1**												
		Non-metric													**2**												
13	**Option for module slot 1**	**No module**														**0**											
		Relay output														*1*											
		RS-485 serial interface (galvanically isolated)														*2*											
		LAN (Ethernet) interface + 2 m cable (RJ45)														*4*											
		WLAN (Wireless Ethernet) interface + antenna														*5*											
		Data logger module														*6*											
14	**Option for module slot 2**	**No module**															**0**										
		Relay output															*1*										
		3rd Analog output	*Choose also analog output signal for Ch3*														*3*										
		Data logger module	*Not possible if the data logger module has already been chosen in item 13*														*6*										
15	**Cable bushings**	**Cable gland M20*1.5**																**A**									
	Note! The Universal	**Conduit fitting NPT1/2"**																**B**									
	AC power not connected	*8-pole connector with 5m cable*																*C*									
	through 8-pole connector!	*8-pole counter connector equipped with screw terminals*																*D*									
16	**Transmitter installation**	**Normal mounting**																	**0**								
		Wall mounting plate																	*1*								
		Pole installation kit																	*2*								
		Pole installation kit with rain shield																	*3*								
		DIN rail kit																	*4*								
17	**Humidity sensor type**	**General purpose**	**HUMICAP180**																	**1**							
		Chemical purge	*HUMICAP180C*																	*4*							
		General purpose and high chemical concentrations	**HUMICAP180R**																	**A**							
		Chemical purge	*HUMICAP180RC*																	*C*							
18	**Sensor protection**	**PPS plastic grid & stainless steel netting**																			**A**						
		PPS plastic grid																			**B**						
		Sintered stainless steel filter																			**C**						
		Stainless steel grid																			**D**						
19	**Installation kit for probe**	**No kit**																				**A**					
		Duct installation kit																				*C*					
		Cable gland AGRO																				*D*					
		Swagelok NPT 1/2"																				*K*					
		Swagelok ISO 3/8"																				*L*					
		Swagelok ISO 1/2"																				*Y*					
20	**Operating manual language**	**No manual**																					**A**				
		English																					**B**				
		German																					**C**				
		French																					**D**				
		Finnish																					**E**				
		Swedish																					**F**				
		Japanese																					**J**				
		Russian																					**K**				
21	**PC Accessories**	**No**																						**A**			
		Service cable for PC, RS232																						*B*			
		MI70LINK software for Windows® with RS232 service cable																						*C*			
		Service cable for PC, USB																						*D*			
		MI70LINK software for Windows® with USB service cable																						*E*			
22	**Calibration / Calibration contract**	**ISO9001 compliant factory calibration / No calibration contract**																							**A**		
		ISO 9001 compliant calibration 3 years																							*B*		
		ISO 9001 compliant calibration 5 years																							*C*		
		ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)																							*D*		
		ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)																							*E*		
		ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)																							*F*		
		ISO 17025 Accredited calibration, 7 points (RH+T) (replaces standard factory calibration)																							*G*		
		ISO 17025 Accredited calibration, 7 points (RH+T) 3 years (calibration contract)																							*H*		
		ISO 17025 Accredited calibration, 7 points (RH+T) 5 years (calibration contract)																							*J*		
23	**Additional Maintenance**	**No maintenance and repair contract**																								**1**	
		Maintenance and repair contract 3 years																								*2*	
		Maintenance and repair contract 5 years																								*3*	

* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period

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:

HMT330	**7**	**S**	**0**	**A**	**1**	**0**	**1**	**B**	**C**	**A**	**B**	**1**	**0**	**0**	**A**	**0**	**1**	**A**	**A**	**B**	**A**	**A**	**1**

End customer: _____

VAISALA

Order form
Purchaser ______________________

Valid from September 2008
Order no. ______________________

HMT337 Humidity and Temperature Transmitter with warmed probe

For high humidities

Code positions 1–23; PRICE column at right.

No.	Item	Selection	Details	Code
	Vaisala HUMICAP® Humidity and Temperature Transmitter			**HMT330**
1	**Transmitter type**	**HMT337**		**7**
2	**Cable lenght (dew point probe)**	**2 m cable**		**S**
		5 m cable		*T*
		10 m cable		*U*
3	**Additional temperature probe**	**No probe**		**0**
		2 m cable		*1*
		5 m cable		*2*
		10 m cable		*3*
4	**Parameters**	**Td+Tdf+x+pw**	*(dew point probe only)*	**C**
		RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT	*(with additional T probe)*	*D*
5	**Display**	**No display**		**0**
		Graphic LCD with backlight		*1*
6	**Power supply**	**10...35 VDC , 24 VAC**		**0**
		Galvanic isolation for outputs 10...35 VDC , 24 VAC		*1*
		Universal AC-power (100...240 VAC)		*2*
		Universal AC-power (100...240 VAC) + US power cord		*3*
		Universal AC-power (100...240 VAC) + EUR power cord		*4*
		Universal AC-power (100...240 VAC) + UK power cord		*5*
		Universal AC-power (100...240 VAC) + AUS power cord		*6*
		External US AC-adapter (for LAN/WLAN interface in USA and Canada)	*Not IP65*	*9*
7	**Signal output**	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**	**1**
		Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**	**2**
		Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**	**3**
		Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**	**4**
		Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**	**5**
		+ Serial interface RS232 or optional communication module		

No.	Item	Selection	Details	Channel 1	Channel 2	Channel 3, choose A, if not needed
8	**Analog output signals**	**No 3rd analog output**				**A**
9	**for Ch1 , Ch2 and Ch3**	**RH**	**(0... 100%RH)**	**B**	**B**	*B*
10		**T**	**(range: see below)**	**C**	**C**	*C*
	(ref. to parameters	**Td (-20...100°C)**	**(-4...+212 °F)**	**D**	**D**	*D*
	selection above)	**Tdf (-20...100°C)**	**(-4...+212 °F)**	**E**	**E**	*E*
		a (0...600g/m3)	**(0...262 gr/ft3)**	**F**	**F**	*F*
		Tw (0...100°C)	**(+32...+212°F)**	**G**	**G**	*G*
		x (0...500g/kg d.a)	**(0...3500gr/lb)**	**H**	**H**	*H*
		h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**	**J**	**J**	*J*
		ppm (0…5000)	**(0…5000)**	**K**	**K**	*K*
		pw (0…1000 hPa)	**(0…14.5psi)**	**L**	**L**	*L*
		pws (0…1000 hPa)	**(0…14.5psi)**	**M**	**M**	*M*
		dT (-10...+50 °C)	**(14...+122 °F)**	**N**	**N**	*N*
	SPECIAL Define quantity	**Ch1:______________**	**Ch2:______________ Optional Ch3:______________**	**X**	**X**	*X*
	Define scale	**Ch1:______________**	**Ch2:______________ Optional Ch3:______________**			

No.	Item	Selection	Details	Code
11	**Analog output range for temperature**	**No temperature output**		**A**
		-40...+60°C	**(-40...+140°F)**	**B**
		-40...+80°C	**(-40...+176°F)**	**C**
	NOTE:	**-40...+120°C**	**(-40...+248°F)**	**D**
	- Choose option A, if no	**-40...+180°C**	**(-40...+356°F)**	**E**
	T output is desired	**-20...+60°C**	**(-4...+140°F)**	**F**
		-20...+80°C	**(-4...+176°F)**	**G**
		-20...+120°C	**(-4...+248°F)**	**H**
		-20...+180°C	**(-4...+356°F)**	**J**
		0...+60°C	**(+32...+140°F)**	**K**
		0...+100°C	**(+32...+ 212°F)**	**L**
		0...+120°C	**(+32...248°F)**	**M**
		0...+180°C	**(+32...356°F)**	**N**
		-60...60 °C	**(-76...+140°F)**	**P**
		Special	**:______________________**	**X**
12	**Output units**	**Metric**		**1**
		Non-metric		**2**
13	**Option for module slot 1**	**No module**		**0**
		Relay output		*1*
		RS-485 serial interface (galvanically isolated)		*2*
		LAN (Ethernet) interface + 2 m cable (RJ45)		*4*
		WLAN (Wireless Ethernet) interface + antenna		*5*
		Data logger module		*6*
14	**Option for module slot 2**	**No module**		**0**
		Relay output		*1*
		3rd Analog output	*Choose also analog output signal for Ch3*	*3*
		Data logger module	*Not possible if the data logger module has already been chosen in item 13*	*6*
15	**Cable bushings** (Note! The Universal AC power not connected through 8-pole connector!)	**Cable gland M20*1.5**		**A**
		Conduit fitting NPT1/2"		**B**
		8-pole connector with 5m cable		*C*
		8-pole counter connector equipped with screw terminals		*D*
16	**Transmitter installation**	**Normal mounting**		**0**
		Wall mounting plate		*1*
		Pole installation kit		*2*
		Pole installation kit with rain shield		*3*
		DIN rail kit		*4*
17	**Humidity sensor type**	**Composite sensor**	**HUMICAP180C**	**5**
		Composite sensor with chemical purge	**HUMICAP180C**	**6**
		Composite sensor	**HUMICAP180RC**	**D**
		Composite sensor with chemical purge	**HUMICAP180RC**	**E**
		Composite sensor for fuel cell applications	**HUMICAP180RC**	**F**
18	**Sensor protection**	**PPS plastic grid & stainless steel netting**		**A**
		Sintered stainless steel filter		**C**
		Stainless steel grid		**D**
		Membrane SST filter for fuel cell applications		**F**
19	**Installation kit for probe**	**No kit**		**A**
		Duct installation kit		*C*
		Swagelok NPT 1/2"		*K*
		Swagelok ISO 3/8"		*L*
		Duct installation kit (RH + T probes)		*P*
		Swagelok NPT 1/2" + Swagelok NPT 1/8" (RH+T)		*Q*
		Swagelok ISO 3/8" + Swagelok ISO 1/8" (RH+T)		*R*
		Swagelok ISO 1/2"		*Y*
20	**Operating manual language**	**No manual**		**A**
		English		**B**
		German		**C**
		French		**D**
		Finnish		**E**
		Swedish		**F**
		Japanese		**J**
		Russian		**K**
21	**PC Accessories**	**No**		**A**
		Service cable for PC, RS232		*B*
		MI70LINK software for Windows® with RS232 service cable		*C*
		Service cable for PC, USB		*D*
		MI70LINK software for Windows® with USB service cable		*E*
22	**Calibration / Calibration contract**	**ISO9001 compliant factory calibration / No calibration contract**		**A**
		ISO 9001 compliant calibration 3 years		*B*
		ISO 9001 compliant calibration 5 years		*C*
		ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)		*D*
		ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)		*E*
		ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)		*F*
		ISO 17025 Accredited calibration, 7 points (RH+T) (replaces standard factory calibration)		*G*
		ISO 17025 Accredited calibration, 7 points (RH+T) 3 years (calibration contract)		*H*
		ISO 17025 Accredited calibration, 7 points (RH+T) 5 years (calibration contract)		*J*
23	**Additional Maintenance**	**No maintenance and repair contract**		**1**
		Maintenance and repair contract 3 years		*2*
		Maintenance and repair contract 5 years		*3*

* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period

	PRICE
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:

HMT330	7	S	1	D	1	0	1	B	C	A	B	1	0	0	A	0	5	A	A	B	A	A	1

End customer: ____

![VAISALA]

Order form | **Valid from September 2008**
Purchaser ______________________ | Order no. ______________________

HMT338 Humidity and Temperature Transmitter

For pressurized pipelines

Code positions 1–23; PRICE

Item	Selection	Detail	Code
Vaisala HUMICAP® Humidity and Temperature Transmitter			HMT330
1 Transmitter type	**HMT338**		**8**
2 Cable lenght	**2 m cable for 232 mm probe**		**V**
	5 m cable for 232 mm probe		*W*
	10 m cable for 232 mm probe		*X*
	2 m cable for 454 mm probe		*1*
	5 m cable for 454 mm probe		*2*
	10 m cable for 454 mm probe		*3*
3 No additional temperature probe			**0**
4 Parameters	**RH+T**		**A**
	RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT		*B*
5 Display	**No display**		**0**
	Graphic LCD with backlight		*1*
6 Power supply	**10...35 VDC , 24 VAC**		**0**
	Galvanic isolation for outputs 10...35 VDC , 24 VAC		*1*
	Universal AC-power (100...240 VAC)		*2*
	Universal AC-power (100...240 VAC) + US power cord		*3*
	Universal AC-power (100...240 VAC) + EUR power cord		*4*
	Universal AC-power (100...240 VAC) + UK power cord		*5*
	Universal AC-power (100...240 VAC) + AUS power cord		*6*
	External US AC-adapter (for LAN/WLAN interface in USA and Canada)	*Not IP65*	*9*
7 Signal output	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**	**1**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**	**2**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**	**3**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**	**4**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**	**5**
	+ Serial interface RS232 or optional communication module		

Item	Selection	Detail	Ch1 (8)	Ch2 (9)	Ch3 (10)
8 Analog output signals	**No 3rd analog output**				**A**
9 for Ch1 , Ch2 and Ch3	**RH**	**(0... 100%RH)**	**B**	**B**	*B*
10	**T**	**(range: see below)**	**C**	**C**	*C*
	Td (-20...100°C)	**(-4...+212 °F)**	**D**	**D**	*D*
	Tdf (-20...100°C)	**(-4...+212 °F)**	**E**	**E**	*E*
	a (0...600g/m3)	**(0...262 gr/ft3)**	**F**	**F**	*F*
	Tw (0...100°C)	**(+32...+212°F)**	**G**	**G**	*G*
	x (0...500g/kg d.a)	**(0...3500gr/lb)**	**H**	**H**	*H*
	h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**	**J**	**J**	*J*
	ppm (0…5000)	**(0…5000)**	**K**	**K**	*K*
	pw (0…1000 hPa)	**(0…14.5psi)**	**L**	**L**	*L*
	pws (0…1000 hPa)	**(0…14.5psi)**	**M**	**M**	*M*
	dT (-10...+50 °C)	**(14...+122 °F)**	**N**	**N**	*N*
SPECIAL Define quantity	Ch1:______________	Ch2:______________ Optional Ch3:____________	**X**	**X**	*X*
Define scale	Ch1:______________	Ch2:______________ Optional Ch3:____________			
			Channel 1	Channel 2	Channel 3, choose A, if not needed

Item	Selection	Detail	Code
11 Analog output range for temperature	**No temperature output**		**A**
	-40...+60°C	(-40...+140°F)	**B**
Note:	**-40...+80°C**	(-40...+176°F)	**C**
- Choose option A, if no T output is desired	**-40...+120°C**	(-40...+248°F)	**D**
	-40...+180°C	(-40...+356°F)	**E**
	-20...+60°C	(-4...+140°F)	**F**
	-20...+80°C	(-4...+176°F)	**G**
	-20...+120°C	(-4...+248°F)	**H**
	-20...+180°C	(-4...+356°F)	**J**
	0...+60°C	(+32...+140°F)	**K**
	0...+100°C	(+32...+ 212°F)	**L**
	0...+120°C	(+32...248°F)	**M**
	0...+180°C	(+32...356°F)	**N**
	-60...60 °C	(-76...+140°F)	**P**
	Special	:______________________	**X**
12 Output units	**Metric**		**1**
	Non-metric		**2**
13 Option for module slot 1	**No module**		**0**
	Relay output		*1*
	RS-485 serial interface (galvanically isolated)		*2*
	LAN (Ethernet) interface + 2 m cable (RJ45)		*4*
	WLAN (Wireless Ethernet) interface + antenna		*5*
	Data logger module		*6*
14 Option for module slot 2	**No module**		**0**
	Relay output		*1*
	3rd Analog output	*Choose also analog output signal for Ch3*	*3*
	Data logger module	*Not possible if the data logger module has already been chosen in item 13*	*6*
15 Cable bushings	**Cable gland M20*1.5**		**A**
Note! The Universal	**Conduit fitting NPT1/2"**		**B**
AC power not connected	*8-pole connector with 5m cable*		*C*
through 8-pole connector!	*8-pole counter connector equipped with screw terminals*		*D*
16 Transmitter installation	**Normal mounting**		**0**
	Wall mounting plate		*1*
	Pole installation kit		*2*
	Pole installation kit with rain shield		*3*
	DIN rail kit		*4*
17 Humidity sensor type	**General purpose**	**HUMICAP180**	**1**
	Chemical purge	*HUMICAP180C*	*4*
	General purpose and high chemical concentrations	**HUMICAP180R**	**A**
	Chemical purge	*HUMICAP180RC*	*C*
18 Sensor protection	**PPS plastic grid & stainless steel netting**		**A**
	PPS plastic grid		**B**
	Sintered stainless steel filter		**C**
	Stainless steel grid		**D**
19 Installation kit for probe	*Ball valve set (ISO 1/2")*		*M*
	Pressure fitting NPT 1/2"		**N**
	Pressure fitting ISO 1/2"		**V**
20 Operating manual language	**No manual**		**A**
	English		**B**
	German		**C**
	French		**D**
	Finnish		**E**
	Swedish		**F**
	Japanese		**J**
	Russian		**K**
21 PC Accessories	**No**		**A**
	Service cable for PC, RS232		*B*
	MI70LINK software for Windows® with RS232 service cable		*C*
	Service cable for PC, USB		*D*
	MI70LINK software for Windows® with USB service cable		*E*
22 Calibration / Calibration contract	**ISO9001 compliant factory calibration / No calibration contract**		**A**
	ISO 9001 compliant calibration 3 years		*B*
	ISO 9001 compliant calibration 5 years		*C*
	ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)		*D*
	ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)		*E*
	ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)		*F*
	ISO 17025 Accredited calibration, 7 points (RH+T) (replaces standard factory calibration)		*G*
	ISO 17025 Accredited calibration, 7 points (RH+T) 3 years (calibration contract)		*H*
	ISO 17025 Accredited calibration, 7 points (RH+T) 5 years (calibration contract)		*J*
23 Additional Maintenance	**No maintenance and repair contract**		**1**
	Maintenance and repair contract 3 years		*2*
	Maintenance and repair contract 5 years		*3*

* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period

TOTAL ______
QTY ______
TOTAL VALUE ______

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Selections in italic are available at an extra price.

Example of order code with typical settings:

HMT330	8	V	0	A	1	0	1	B	C	A	B	1	0	0	A	0	1	A	A	B	A	A	1

End customer: ____