



Order form
Purchaser _____

Valid from December 2008
Order no. _____

HMT364 Humidity and Temperature Transmitter For high pressurized processes

Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT360	4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PRICE				
Transmitter unit	Transmitter type	HMT364		4																				
	Parameters	RH+T <i>RH+T+Td+a+Tw+x</i>		A D																				
	Display	No display <i>Display on transmitter cover</i>			1 2																			
	Number of analog outputs	1 analog output channel (Ch1) <i>2 analog output channels (Ch1 + Ch2)</i>			4... 20 mA 4... 20 mA	1 2																		
	Parameter and scaling for analog output (Ch1 & Ch2)	No analog output RH (0... 100%RH) T (choose range in next section) Td (-40...100°C) <i>(-40...212°F)</i> a (0...500g/m3) <i>(0...218.5gr/lb)</i> Tw (0...100°C) <i>(+32...+212°F)</i> x (0...500g/kg d.a) <i>(0...350gr/lb)</i>									A B C H J K L X													
	Special:	Define quantity for:	CH1: _____	CH2: _____							X X													
	Define scale for:	CH1: _____	CH2: _____								X X													
	NOTE:																							
		- Td, a, Tw and x are only available with parameter selection D				Ch1																		
		- If only one analog output has been chosen, choose A for Ch2				Ch2																		
	Analog output range for temperature	-40...+60°C <i>(-40...+140°F)</i> -20...+60°C <i>(-4...+140°F)</i> 0...+60°C <i>(+32...+140°F)</i> -20...+80°C <i>(-4...+176°F)</i> -20...+120°C <i>(-4...+248°F)</i> -40...+80°C <i>(-40...+176°F)</i> -40...+120°C <i>(-40...+248°F)</i> 0...+100°C <i>(+32...+ 212°F)</i> -20...+180°C <i>(-4...+356°F)</i> -40...+180°C <i>(-40...+356°F)</i> 0...+180°C <i>(+32...+356°F)</i>																						
		- If no temperature output is desired, choose A																						
	Output units	Metric Non-metric																						
	Interface cable connection	Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm Conduit fitting NPT1/2" <i>(for wire conduits)</i> Cable gland M20x1.5 for cable diameters 10 ... 15 mm									A B C													
	Ex certification and issuer	ATEX 100a 94/9/EC (PTB) Factory Mutual (USA) CSA (Canada) TIIS (Japan)																						
	User's guide	No manual English German French Finnish Swedish Japanese Russian																						
	Probe and cable length	2 m cable 5 m cable 10 m cable																						
	Sensor type	HUMICAP 180 HUMICAP 180R																						
	Sensor protection	PPS plastic grid & stainless steel netting (recommended choice) PPS plastic grid Sintered stainless steel filter Stainless steel grid filter Membrane SST filter (for fuel cells)																						
	Probe installation accessories	None Fitting body NPT Fitting Body																						
																				0 K G				
																			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:

HMT360 | 4 | A | 2 | 2 | B | C | A | 1 | A | 2 | B | E | 5 | A | 1 | K

End customer: _____



Order form
Purchaser _____

Valid from December 2008
Order no. _____

HMT365 Humidity and Temperature Transmitter For high temperatures

Vaisala HUMICAP® Humidity and Temperature Transmitter		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Transmitter type		HMT365	5														
Parameters		RH+T <i>RH+T+Td+a+Tw+x</i>	A D														
Display		No display <i>Display on transmitter cover</i>	1 2														
Number of analog outputs		1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA	1 2													
Parameter and scaling for analog output (Ch1 & Ch2)		No analog output RH (0... 100%RH) T (choose range in next section) Td (-40...100°C) <i>(-40...212°F)</i> a (0...500g/m3) <i>(0...218.5g/lit)</i> Tw (0...100°C) <i>(+32...+212°F)</i> x (0...500g/kg d.a) <i>(0...3500gr/lb)</i>			B C H J K L X	B B C H J K L X											
Special:		Define quantity for: _____ Define scale for: _____	CH1: _____ CH2: _____														
NOTE:		- Td, a, Tw and x are only available with parameter selection D - If only one analog output has been chosen, choose A for Ch2	Ch1 Ch2														
Analog output range for temperature		-40...+60°C <i>(-40...+140°F)</i> -20...+60°C <i>(-4...+140°F)</i> 0...+60°C <i>(+32...+140°F)</i> -20...+80°C <i>(-4...+176°F)</i> -20...+120°C <i>(-4...+248°F)</i> -40...+80°C <i>(-40...+176°F)</i> -40...+120°C <i>(-40...+248°F)</i> 0...+100°C <i>(+32...+ 212°F)</i> -20...+180°C <i>(-4...+356°F)</i> -40...+180°C <i>(-40...+356°F)</i> 0...+180°C <i>(+32...+356°F)</i>			A B C D E F G H J K L X												
Output units		Special Metric Non-metric		1 2													
Interface cable connection		Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm Conduit fitting NPT1/2" (for wire conduits) Cable gland M20x1.5 for cable diameters 10 ... 15 mm			A B C												
Ex certification and issuer		ATEX 100a 94/9/EC (PTB) Factory Mutual (USA) CSA (Canada) TIIS (Japan)		2 4 5 7													
User's guide		No manual English German French Finnish Swedish Japanese Russian			A B C D E G J K												
Probe and cable length		2 m cable 5 m cable 10 m cable			H J K												
Sensor type		HUMICAP 180 HUMICAP 180R		1 5													
Sensor protection		PPS plastic grid & stainless steel netting (recommended choice) PPS plastic grid Sintered stainless steel filter Stainless steel grid filter		1 2 3 4													
Probe installation accessories		None <i>Mounting flange</i>		0 D													
															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:

HMT360 | 5 | A | 2 | 2 | B | C | A | 1 | A | 2 | B | H | 5 | A | 1 | D

End customer: _____



Order form
Purchaser _____

Valid from December 2008
Order no. _____

HMT367 Humidity and Temperature Transmitter For high humidities

Vaisala HUMICAP® Humidity and Temperature Transmitter		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Transmitter type		HMT367	7														
Parameters		RH+T <i>RH+T+Td+a+Tw+x</i>	A D														
Display		No display <i>Display on transmitter cover</i>	1 2														
Number of analog outputs		1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA	1 2													
Parameter and scaling for analog output (Ch1 & Ch2)		No analog output RH (0... 100%RH) T (choose range in next section) Td (-40...100°C) (-40...212°F) a (0...500g/m3) (0...218.5g/lit3) Tw (0...100°C) (+32...+212°F) x (0...500g/kg d.a) (0...3500gr/lb) Special: Define quantity for: CH1: _____ CH2: _____ Define scale for: CH1: _____ CH2: _____			B C H J K L X	B B C H J K L X											
NOTE:		- Td, a, Tw and x are only available with parameter selection D - If only one analog output has been chosen, choose A for Ch2		Ch1 Ch2													
Analog output range for temperature		-40...+60°C (-40...+140°F) -20...+60°C (-4...+140°F) 0...+60°C (+32...+140°F) -20...+80°C (-4...+176°F) -20...+120°C (-4...+248°F) -40...+80°C (-40...+176°F) -40...+120°C (-40...+248°F) 0...+100°C (+32...+ 212°F) -20...+180°C (-4...+356°F) -40...+180°C (-40...+356°F) 0...+180°C (+32...+356°F) Special			A B C D E F G H J K L X												
Output units		Metric Non-metric	1 2														
Interface cable connection		Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm Conduit fitting NPT1/2" (for wire conduits) Cable gland M20x1.5 for cable diameters 10 ... 15 mm			A B C												
Ex certification and issuer		ATEX 100a 94/9/EC (PTB) Factory Mutual (USA) CSA (Canada) TIIS (Japan)		2 4 5 7													
User's guide		No manual English German French Finnish Swedish Japanese Russian			A B C D E G J K												
Probe and cable length		2 m cable 5 m cable 10 m cable			V W X												
Sensor type		HUMICAP 180 HUMICAP 180R		1 5													
Sensor protection		PPS plastic grid & stainless steel netting (recommended choice) PPS plastic grid Sintered stainless steel filter Stainless steel grid filter Membrane SST filter (for fuel cells)		1 2 3 4 5													
Probe installation accessories		None Duct installation kit Cable Gland ACRO Swagelok NPT 1/2" Swagelok ISO 3/8"															0 B J L M
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:

HMT360 | 7 | A | 2 | 2 | B | C | A | 1 | A | 2 | B | V | 5 | A | 1 | M

End customer: _____



Order form
Purchaser _____

Valid from December 2008
Order no. _____

HMT368 Humidity and Temperature Transmitter For pressurized pipelines

Vaisala HUMICAP® Humidity and Temperature Transmitter		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Transmitter type		HMT368	8														
Parameters		RH+T <i>RH+T+Td+a+Tw+x</i>	A D														
Display		no display <i>display on transmitter cover</i>	1 2														
Number of analog outputs		1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA	1 2													
Parameter and scaling for analog output (Ch1 & Ch2)		No analog output RH (0... 100%RH) Temperature (choose range in next section) Td (-40...100°C) (-40...212°F) a (0...500g/m3) (0...218.5gr/lb) Tw (0...100°C) (+32...+212°F) x (0...500g/kg d.a) (0...350gr/lb) Special: Define quantity for: CH1: _____ CH2: _____ Define scale for: CH1: _____ CH2: _____															
NOTE:		- Td, a, Tw and x are only available with parameter selection D - If only one analog output has been chosen, choose A for Ch2															
Analog output range for temperature		-40...+60°C (-40...+140°F) -20...+60°C (-4...+140°F) 0...+60°C (+32...+140°F) -20...+80°C (-4...+176°F) -20...+120°C (-4...+248°F) -40...+80°C (-40...+176°F) -40...+120°C (-40...+248°F) 0...+100°C (+32...+ 212°F) -20...+180°C (-4...+356°F) -40...+180°C (-40...+356°F) 0...+180°C (+32...+356°F) Special															
Output units		Metric Non-metric	1 2														
Interface cable connection		Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm Conduit fitting NPT1/2" (for wire conduits) Cable gland M20x1.5 for cable diameters 10 ... 15 mm															
Ex certification and issuer		ATEX 100a 94/9/EC (PTB) Factory Mutual (USA) CSA (Canada) TIIS (Japan)															
User's guide		No manual English German French Finnish Swedish Japanese Russian															
Probe and cable length		2 m cable 226 mm probe, max 180°C 5 m cable 226 mm probe, max 180°C 10 m cable 226 mm probe, max 180°C 2 m cable 448 mm probe, max 180°C 5 m cable 448 mm probe, max 180°C 10 m cable 448 mm probe, max 180°C															
Sensor type		HUMICAP 180 HUMICAP 180R															
Sensor protection		PPS plastic grid & stainless steel netting (recommended choice) PPS plastic grid Sintered stainless steel filter Stainless steel grid filter Membrane SST filter (for fuel cells)															
Probe installation accessories		Ball valve set Fitting Body NPT1/2 Fitting Body ISO1/2															
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:

HMT368 | 8 | A | 2 | 2 | B | C | A | 1 | A | 2 | B | L | 5 | A | 1 | E

End customer: _____



Order form
Purchaser _____

Valid from December 2008
Order no. _____

HMT360 Humidity and Temperature Transmitter unit

Vaisala HUMICAP® Humidity and Temperature Transmitter		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
HMT360		0											0	0	0	0	0	PRICE
Transmitter type	HMT360	0																
Parameters	RH+T <i>RH+T+Td+a+Tw+x</i>		A															
Display	No display <i>Display on transmitter cover</i>			1														
Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)				4... 20 mA	1												
Parameter and scaling for analog output (Ch1 & Ch2)	No analog output RH (0... 100%RH) T (choose range in next section) <i>for HMT361 only</i> Td (-40...60°C) (-40... 140°F) <i>for HMT361 only</i> a (0... 160g/m3) (0...70gr/lb) <i>for HMT361 only</i> Tw (0...60°C) (+32...+140°F) <i>for HMT361 only</i> x (0...160g/kg d.a) (0...1120gr/lb) Td (-40...100°C) (-40...212°F) a (0...500g/m3) (0...218.5gr/lb) Tw (0...100°C) (+32...+212°F) x (0...500g/kg d.a) (0...3500gr/lb) Special: Define quantity for: CH1: _____ CH2: _____ Define scale for: CH1: _____ CH2: _____																	
NOTE:	- Td, a, Tw and x are only available with parameter selection D - If only one analog output has been chosen, choose A for Ch2																	
Analog output range for temperature	-40...+60°C (-40...+140°F) -20...+60°C (-4...+140°F) 0...+60°C (+32...+140°F) -20...+80°C (-4...+176°F) -20...+120°C (-4...+248°F) -40...+80°C (-40...+176°F) -40...+120°C (-40...+248°F) 0...+100°C (+32...+ 212°F) -20...+180°C (-4...+356°F) -40...+180 °C (-40...+356°F) 0...+180°C (+32...+356°F) Special																	
Output units	Metric Non-metric																	
Interface cable connection	Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm Conduit fitting NPT1/2" (for wire conduits) Cable gland M20x1.5 for cable diameters 10 ... 15 mm																	
Ex certification and issuer	ATEX 100a 94/9/EC (PTB) Factory Mutual (USA) CSA (Canada) TIIS (Japan)																	
User's guide	No manual English German French Finnish Swedish Japanese Russian																	
No probe																		
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:

HMT360 0 A 2 2 B C A 1 A 2 B 0 0 0 0 0 0

End customer: _____



Order form
Purchaser

Valid from December 2008
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HMT360 Humidity and Temperature Transmitter series Probes

Vaisala HUMICAP® Humidity and Temperature Probe				HMP360	1	2	3	4	5	6	7	PRICE	
Probe	Probe type		HMP361	for wall mounting	1								
			HMP363	for general use	3								
			HMP364	for pressurized processes	4								
			HMP365	for high temperatures	5								
			HMP367	for high humidities	7								
			HMP368	for pressurized pipelines	8								
	Probe and cable length		HMP361	no cable	max +60°C	A							
			HMP363, +80°C	2 m cable	max +80°C	1							
				5 m cable	max +80°C	2							
				10 m cable	max +80°C	3							
			HMP363, +120°C	2 m cable	max 120°C	B							
				5 m cable	max +120°C	C							
				10 m cable	max +120°C	D							
			HMP364	2 m cable	max +180°C	E							
				5 m cable	max +180°C	F							
				10 m cable	max +180°C	G							
			HMP365	2 m cable	max +180°C	H							
				5 m cable	max +180°C	J							
				10 m cable	max +180°C	K							
			HMP367	2 m cable	max +180°C	V							
		5 m cable		max +180°C	W								
		10 m cable		max +180°C	X								
		HMP368	2 m cable	226 mm probe, max 180°C	L								
			5 m cable	226 mm probe, max +180°C	M								
			10 m cable	226 mm probe, max +180°C	N								
			2 m cable	448 mm probe, max 180°C	P								
			5 m cable	448 mm probe, max +180°C	Q								
			10 m cable	448 mm probe, max +180°C	R								
Sensor type		HUMICAP 180			1								
		HUMICAP 180R			5								
								A					
Sensor protection		PPS plastic grid & stainless steel netting (recommended choice)			1								
		PPS plastic grid			2								
		Sintered stainless steel filter			3								
		Membrane SST filter (for fuel cells)			5								
Installation kit		No kit							A				
		HMP363	Duct installation kit for HMP363&367						B				
		HMP365	Mounting flange						D				
		HMP368	Ball valve set						E				
		HMP363/367	Cable Gland ACRO						J				
		HMP364	Fitting body						K				
		HMP365	NPT Fitting Body						G				
		HMP367	Swagelok NPT 1/2"						L				
		HMP367	Swagelok ISO 3/8"						M				
		HMP368	Fitting Body ISO1/2						N				
		HMP368	Fitting Body NPT1/2"						H				
Ex certification and issuer		ATEX 100a 94/9/EC (PTB)									2		
		Factory Mutual (USA)									4		
		CSA (Canada)									5		
		TIIS (Japan)									7		
TOTAL													
QTY													
TOTAL VALUE													

End customer: _____