



HMT361 Humidity and Temperature Transmitter

For wall mounting

Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT360	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PRICE	
Transmitter unit	1 Transmitter type	HMT361	1												A	5	A	0		
	2 Parameters	RH+T RH+T+Td+a+Tw+x		A	D															
	3 Display	No display <i>Display on transmitter cover</i>	1																	
	4 Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA	1	2															
	5 Parameter and scaling for	No analog output																		
	6 analog output (Ch1 & Ch2)	RH (0... 100%RH) T (choose range in next section) Td (-40...+60 °C) (-40...+140 °F) a (0... 160g/m3) (0...70gr/ft3) Tw (0...+60 °C) (+32...+140 °F) x (0...160g/kg d.a) (0...1120gr/lb)																		
	Special:	Define quantity for: Define scale for:	CH1: _____ CH2: _____ 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																		
	7 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)																		
		- If no temperature output is desired, choose A																		
	8 Output units	Metric Non-metric																		
	9 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																		
	10 Ex certification and issuer	ATEX 100a 94/9/EC (VTT), Ex ia IIC T4 IECEx (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) TIIS (Japan) TR CU (EAC) KOSHA (Korea)																		
	11 User's guide	English German French Finnish Swedish Japanese Russian Chinese Korean																		
	12 Probe and cable length	HMP361 max +60 °C																		
13 Sensor type	HUMICAP 180R																			
14 (blank)																				
15 Sensor protection	PPS plastic grid & stainless steel netting (recommended choice) PPS plastic grid Sintered stainless steel filter Stainless steel grid filter	spare: DRW010281SP spare: DRW010276SP spare: HM47280SP spare: HM47453SP																		
16 Probe installation accessories	None																			
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.

Installation accessories

Galvanic Isolator	212483
Barrier	210664
Protection Cover	214101
Rain Shield	215109

Example of order code with typical settings:

HMT360 1 A 2 2 B C A 1 A 2 B A 5 A 1 0

End customer: _____

VAISALA

Order form
Purchaser

Valid from November 2017
Order no.

HMT363 Humidity and Temperature Transmitter For general use



Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT363	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Transmitter unit	1 Transmitter type	HMT363	3																
	2 Parameters	RH+T RH+T+Td+a+Tw+x	A D																
	3 Display	No display <i>Display on transmitter cover</i>	1 2																
	4 Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA	1 2															
	5 Parameter and scaling for	No analog output																	
	6 analog output (Ch1 & Ch2)	RH (0... 100%RH) T (choose range in next section) Td (-40...+100 °C) (-40...+212 °F) a (0...500g/m3) (0...218.5gr/ft3) 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																	
	7 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																	
	8 Output units	Metric Non-metric																	
	9 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																	
10 Ex certification and issuer	ATEX 100a 94/9/EC (VTT), Ex ia IIC T4 IECEx (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) TIIS (Japan) TR CU (EAC) KOSHA (Korea)																		
11 User's guide	English German French Finnish Swedish Japanese Russian Chinese Korean																		
Probe	12 Probe and cable length	2 m cable max 80 °C 5 m cable max 80 °C 10 m cable max 80 °C 2 m cable max 120 °C 5 m cable max 120 °C 10 m cable max 120 °C																	
	13 Sensor type	HUMICAP 180R																	
	14 (blank)																		
	15 Sensor protection	PPS plastic grid & stainless steel netting (recommended choice) PPS plastic grid Sintered stainless steel filter Stainless steel grid filter	spare: DRW010281SP spare: DRW010276SP spare: HM47280SP spare: HM47453SP	1 2 3 4															
	16 Probe installation accessories	None Duct Installation Kit																	
0 B																			
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.

Installation accessories
Galvanic Isolator 212483
Barrier 210664
Protection Cover 214101
Rain Shield 215109

Example of order code with typical settings:

HMT360 3 A 2 2 B C B 1 A 2 B 1 5 A 1 B

End customer: _____

VAISALA

Order form
Purchaser

Valid from November 2017
Order no.

HMT364 Humidity and Temperature Transmitter For high pressurized processes



Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT360	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PRICE	
Transmitter unit	1 Transmitter type	HMT364	4																	
	2 Parameters	RH+T RH+T+Td+a+Tw+x		A	D															
	3 Display	No display <i>Display on transmitter cover</i>				1	2													
	4 Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA				1	2												
	5 Parameter and scaling for	No analog output							A											
	6 analog output (Ch1 & Ch2)	RH (0... 100%RH) T (choose range in next section) Td (-40...+100 °C) (-40...+212 °F) a (0...500g/m3) (0...218.5gr/ft3) 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											
	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																		
	7 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											
	8 Output units	Metric Non-metric								1 2										
	9 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								
	10 Ex certification and issuer	ATEX 100a 94/9/EC (VTT), Ex ia IIC T4 IECEx (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) TIIS (Japan) TR CU (EAC) KOSHA (Korea)											2 3 4 5 7 8 A							
	11 User's guide	English German French Finnish Swedish Japanese Russian Chinese Korean												B C D E G J K V W						
	12 Probe and cable length	2 m cable 5 m cable 10 m cable													E F G					
	13 Sensor type	HUMICAP 180R														5				
	14 (blank)																			
	Probe	15 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
16 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.

Installation accessories	
Galvanic Isolator	212483
Barrier	210664
Protection Cover	214101
Rain Shield	215109

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: _____

VAISALA

Order form
Purchaser

Valid from November 2017
Order no.

HMT365 Humidity and Temperature Transmitter For high temperatures



Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT360	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PRICE	
Transmitter unit	1 Transmitter type	HMT365	5																	
	2 Parameters	RH+T RH+T+Td+a+Tw+x	A D																	
	3 Display	No display <i>Display on transmitter cover</i>	1 2																	
	4 Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA	1 2																
	5 Parameter and scaling for 6 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...218.5gr/ft3) 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																		
	7 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																		
	8 Output units	Metric Non-metric																		
	9 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																		
	10 Ex certification and issuer	ATEX 100a 94/9/EC (VTT), Ex ia IIC T4 IECEx (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) TIIS (Japan) TR CU (EAC) KOSHA (Korean)																		
	11 User's guide	English German French Finnish Swedish Japanese Russian Chinese Korean																		
	12 Probe and cable length	2 m cable 5 m cable 10 m cable																		
	13 Sensor type	HUMICAP 180R																		
	14 (blank)																			
	15 Sensor protection	PPS plastic grid & stainless steel netting (recommended choice) spare: DRW010281SP PPS plastic grid spare: DRW010276SP Sintered stainless steel filter spare: HM47280SP Stainless steel grid filter spare: HM47453SP																		
	16 Probe installation accessories	None <i>Mounting flange</i>																		
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.

Installation accessories	
Galvanic Isolator	212483
Barrier	210664
Protection Cover	214101
Rain Shield	215109

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: _____

VAISALA

Order form
Purchaser _____

Valid from November 2017
Order no. _____

HMT368 Humidity and Temperature Transmitter For pressurized pipelines



Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT360	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PRICE	
Transmitter unit	1 Transmitter type	HMT368	8																	
	2 Parameters	RH+T RH+T+Td+a+Tw+x	A D																	
	3 Display	no display <i>display on transmitter cover</i>	1 2																	
	4 Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA	1 2																
	5 Parameter and scaling for	No analog output																		
	6 analog output (Ch1 & Ch2)	RH (0... 100%RH) Temperature (choose range in next section)																		
		Td (-40...100 °C) a (0...500g/m3) Tw (0...100 °C) x (0...500g/kg d.a)	(-40...+212 °F) (0...+218.5gr/ft3) (+32...+212 °F) (0...+3500gr/lb)	H J K L X																
	Special:	Define quantity for: Define scale for:	CH1: _____ CH2: _____ CH1: _____ CH2: _____	X 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																	
Probe	7 Analog output range for temperature	-40...+60 °C -20...+60 °C 0...+60 °C -20...+80 °C -20...+120 °C -40...+80 °C -40...+120 °C 0...+100 °C -20...+180 °C -40...+180 °C 0...+180 °C Special	(-40...+140 °F) (-40...+140 °F) (+32...+140 °F) (-4...+176 °F) (-4...+248 °F) (-40...+176 °F) (-40...+248 °F) (+32...+ 212 °F) (-4...+356 °F) (-40...+356 °F) (+32...+356 °F)	A B C D E F G H J K L X																
	8 Output units	Metric Non-metric	1 2																	
	9 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																		
	10 Ex certification and issuer	ATEX 100a 94/9/EC (VTT), Ex ia IIC T4 IECEx (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) TIIS (Japan) TR CU (EAC) KOSHA (Korea)																		
	See latest Ex certificates at: www.vaisala.com/hmt360																			
	11 User's guide	English German French Finnish Swedish Japanese Russian Chinese Korean																		
	12 Probe and cable length	2 m cable 5 m cable 10 m cable 2 m cable 5 m cable 10 m cable	226 mm probe, max 180 °C 226 mm probe, max 180 °C 226 mm probe, max 180 °C 448 mm probe, max 180 °C 448 mm probe, max 180 °C 448 mm probe, max 180 °C	L M N P Q R																
	13 Sensor type	HUMICAP 180R																		
	14 (blank)																			
	15 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)	spare: DRW010281SP spare: DRW010276SP spare: HM47280SP spare: HM47453SP spare: 214848SP	1 2 3 4 5																
16 Probe installation accessories	Ball valve set Fitting Body NPT1/2 Fitting Body ISO1/2	spare: BALLVALVE-1 spare: 212810SP spare: DRW212076SP	E H N																	
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 | **8** | **A** | **2** | **2** | **B** | **C** | **A** | **1** | **A** | **2** | **B** | **L** | **5** | **A** | **1** | **E**

Installation accessories	
Galvanic Isolator	212483
Barrier	210664
Protection Cover	214101
Rain Shield	215109

End customer: _____

VAISALA

Order form
Purchaser _____

Valid from November 2017
Order no. _____

HMT360 Humidity and Temperature Transmitter unit



Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT360	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PRICE
1 Transmitter type	HMT360	0																	
2 Parameters	RH+T RH+T+Td+a+Tw+x		A																
3 Display	No display Display on transmitter cover			1															
4 Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)	4... 20 mA 4... 20 mA																	
5 Parameter and scaling for	No analog output																		
6 analog output (Ch1 & Ch2)	RH (0... 100%RH) T (choose range in next section) Td (-40...60 °C) (-40... 140 °F) a (0... 160g/m3) (0...70gr/ft3) Tw (0...60 °C) (+32...+140 °F) x (0...160g/kg d.a) (0...112gr/lb) Td (-40...100 °C) (-40...212 °F) a (0...500g/m3) (0...218.5gr/ft3) 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																		
7 Analog output range for temperature	-40...+60 °C (-40...+140 °F) -20...+60 °C (-4...+140 °F) 0...+60 °C (+32...+140 °F) - If no temperature output is desired, choose A -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																		
8 Output units	Metric Non-metric																		
9 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																		
10 Ex certification and issuer	ATEX 100a 94/9/EC (VTT), Ex ia IIC T4 IECEX (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) TIIS (Japan) TR CU (EAC) KOSHA (Korea)																		
11 User's guide	English German French Finnish Swedish Japanese Russian Chinese Korean																		
12 No probe																			
13 (blank)																			
14 (blank)																			
15 (blank)																			
16 (blank)																			
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: _____

HMP360 Humidity and Temperature Transmitter series Probes



Vaisala HUMICAP® Humidity and Temperature Probe			HMP360	1	2	3	4	5	6	7	PRICE
Probe	1 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						
	2 Probe & 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							
3 Sensor type		HUMICAP 180R				5					
4 (blank)							A				
5 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			
6 Installation kit		No kit							A		
	HMP363/367	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		
	HMP364	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		
7 Ex certification and issuer		ATEX 100a 94/9/EC (VTT), Ex ia IIC T4								2	
		IECEx (VTT), Ex ia IIC T4								3	
See latest Ex certificates at: www.vaisala.com/hmt360		Factory Mutual (USA)								4	
		CSA (Canada)								5	
		TIIS (Japan)								7	
		TR CU (EAC)								8	
		KOSHA (Korea)								A	
TOTAL											
QTY											
TOTAL VALUE											

End customer: _____