

VAISALA

Order form
Purchaser

Valid from July 2015
Order no.

HMT361 Humidity and Temperature Transmitter For wall mounting



Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT361	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PRICE
Transmitter unit	1 Transmitter type	HMT361	1																
	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...+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: 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)																		
11 User's guide	English German French Finnish Swedish Japanese Russian Chinese																		
12 Probe and cable length	HMP361 max +60 °C																		
13 Sensor type	HUMICAP 180R																		
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																	
	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 July 2015
Order no.

HMT363 Humidity and Temperature Transmitter For general use



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	HMT363	3																
	2 Parameters	RH+T RH+T+Td+a+Tw+x	A D																
	3 Display	No display Display on transmitter cover	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		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																	
Probe	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)																	
	11 User's guide	English German French Finnish Swedish Japanese Russian Chinese																	
	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																	
16 Probe installation accessories	None Duct Installation Kit																		
TOTAL																		0	
TOTAL QTY																		B	
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: _____

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 Display on transmitter cover	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: 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) 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)																		
11 User's guide	English German French Finnish Swedish Japanese Russian Chinese																		
12 Probe and cable length	2 m cable 5 m cable 10 m cable																		
13 Sensor type	HUMICAP 180R																		
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)	spare: DRW010281SP spare: DRW010276SP spare: HM47280SP spare: HM47453SP spare: 214848SP	1 2 3 4 5															
	16 Probe installation accessories	None Fitting Body NPT Fitting Body	spare: 17223SP spare: 17225SP																
	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 July 2015
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 Display on transmitter cover	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: 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) Special																	
	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)																	
	11 User's guide	English German French Finnish Swedish Japanese Russian Chinese																	
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) PPS plastic grid Sintered stainless steel filter Stainless steel grid filter	spare: DRW010281SP spare: DRW010276SP spare: HM47280SP spare: HM47453SP																	
16 Probe installation accessories	None Mounting flange	spare: 210696																	
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 July 2015
Order no.

HMT367 Humidity and Temperature Transmitter For high humidities



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	HMT367	7																
	2 Parameters	RH+T RH+T+Td+a+Tw+x	A D																
	3 Display	No display Display on transmitter cover	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: 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) Special																	
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)																		
11 User's guide	English German French Finnish Swedish Japanese Russian Chinese																		
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) 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																	
16 Probe installation accessories	None Duct installation kit Cable Gland ACRO Swagelok NPT 1/2" Swagelok ISO 3/8"	spare: 210697 spare: HMP247CG spare: SWG12NPT12 spare: SWG12ISO38																	
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 | **7** | **A** | **2** | **2** | **B** | **C** | **A** | **1** | **A** | **2** | **B** | **V** | **5** | **A** | **1** | **M**

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	
		Factory Mutual (USA)										4	
		CSA (Canada)										5	
		TIIS (Japan)										7	
		TR CU (EAC)										8	
See latest Ex certificates at: www.vaisala.com/hmt360													
										TOTAL			
										QTY			
										TOTAL VALUE			

End customer: _____