

HMT361 Humidity and Temperature Transmitter

For wall mounting



		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Vaisala HUMICAP® Humidity and Temperature Transmitter		HMT360															
Transmitter unit	1 Transmitter type	HMT361															
	2 Parameters	RH+T RH+T+Td+a+Tw+x															
	3 Display	No display Display on transmitter cover															
	4 Number of analog outputs	1 analog output channel (Ch1) 2 analog output channels (Ch1 + Ch2)															
	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...60°C) a (0... 160g/m3) Tw (0...60°C) x (0...160g/kg d.a.) CH1: _____ CH2: _____ CH1: _____ CH2: _____															
	Special:	Define quantity for: _____ Define scale for: _____															
	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 -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															
	8 Output units	Metric Non-metric															
	9 Interface cable connection	Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm Conduit fitting NPT 1/2" Cable gland M20x1.5 for cable diameters 10 ... 15 mm															
10 Ex certification and issuer	IECEx (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) KOSHA (Korea)																
11 User's guide	English German French Finnish Swedish 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																
16 Probe installation accessories	None																

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
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
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End customer:



HMT363 Humidity and Temperature Transmitter

For general use

[illegible]

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
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
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End customer:

HMT364 Humidity and Temperature Transmitter

For high pressurized processes

[illegible]

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
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
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End customer:



HMT365 Humidity and Temperature Transmitter

For high temperatures

[illegible]

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
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
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End customer:

IEC Ex CSA FM PCEC KC

End customer:

VAISALA

Order form
Purchaser _____

Valid from August 2021
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 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) 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...+140°F) (0...218.5gr/ft3) (+32...+212°F) (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																		
	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	(-40...+140°F) (-4...+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)															
- If no temperature output is desired, choose A																			
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" Cable gland M20x1.5 for cable diameters 10 ... 15 mm	(for wire conduits)																
10 Ex certification and issuer		IECEx (VTT), Ex ia IIC T4 Factory Mutual (USA) CSA (Canada) KOSHA (Korea)																	
See latest Ex certificates at: www.vaisala.com/hmt360																			
11 User's guide		English German French Finnish Swedish 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																
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	Ball valve set Fitting Body NPT1/2 Fitting Body ISO1/2	spare: BALLVALVE-1 spare: 212810SP spare: DRW212076SP																
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
Rain Shield 215109

Example of order code with typical settings:

HMT360 8 A 2 2 B C A 1 A 2 B L 5 A 1 E

End customer: _____

IEC Ex CSA FM PCEC KC

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															2	
		IECEEx (VTT), Ex ia IIC T4															3	
		Factory Mutual (USA)															4	
		CSA (Canada)															5	
		KOSHA (Korea)															A	
See latest Ex certificates at: www.vaisala.com/hmt360																		
																	TOTAL	
																	QTY	
																	TOTAL VALUE	

End customer: