

HMT368 Moisture and Temperature Transmitter for Oil

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Vaisala HUMICAP® Moisture and Temperature Transmitter for Oil		HMT360	8	F										2	A	4		PRICE	
Transmitter unit	1 Transmitter type	HMT368	for pressurized pipelines	8															
	2 Parameters	a _w +T		F															
	3 Display	No display		1															
		Display on transmitter cover		2															
	4 Number of analog outputs	1 analog output channel (Ch1)	4... 20 mA	1															
		2 analog output channels (Ch1 + Ch2)	4... 20 mA	2															
	5 Parameter and scaling for	No analog output (Ch2)																	
	6 analog output (Ch1 & Ch2)	Temperature					C	C											
		a _w (0...1)					M	M											
	Special:	Define quantity for:	CH1: _____ CH2: _____				X	X											
		Define scale for:	CH1: _____ CH2: _____																
			Ch1																
			Ch2																
	7 Analog output range	-40...+60°C	(-40...+140°F)																A
	for temperature	-20...+60°C	(-4...+140°F)																B
		0...+60°C	(+32...+140°F)																C
- If no temperature output is desired, choose A	-20...+80°C	(-4...+176°F)																D	
	-20...+120°C	(-4...+248°F)																E	
	-40...+80°C	(-40...+176°F)																F	
	-40...+120°C	(-40...+248°F)																G	
	0...+100°C	(+32...+ 212°F)																H	
	-20...+180°C	(-4...+356°F)																J	
	-40...+180 °C	(-40...+356°F)																K	
	0...+180°C	(+32...+356°F)																L	
	Special	Scale (in °C or F) _____																X	
8 Output units	Metric																	1	
	Non-metric																	2	
9 Interface cable connection	Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm																	A	
	Conduit fitting NPT1/2" (for wire conduits)																	B	
	Cable gland M20x1.5 for cable diameters 10 ... 15 mm																	C	
10 Ex certification and issuer	ATEX (VTT), Ex ia IIC T4																	2	
	IECEX (VTT), Ex ia IIC T4																	3	
	Factory Mutual (USA)																	4	
	CSA (Canada)																	5	
See latest Ex certificates at: www.vaisala.com/hmt360	TIIS (Japan)																	7	
	TR CU (EAC)																	8	
	KOSHA (Korea)																	A	
11 User's guide	English																	B	
	German																	C	
	French																	D	
	Finnish																	E	
	Swedish																	G	
	Japanese																	J	
	Russian																	K	
	Chinese																	V	
Probe	12 Probe and cable length	2m (6.6 ft)	226 mm probe (9")															L	
		5 m (16.4 ft)	226 mm probe (9")															M	
		10 m (32.8 ft)	226 mm probe (9")															N	
		2m (6.6 ft)	448 mm probe (18")															P	
		5 m (16.4 ft)	448 mm probe (18")															Q	
		10 m (32.8 ft)	448 mm probe (18")															R	
13 Sensor type	Special sensor for fluids																	2	
14 (blank)																		A	
15 Sensor protection	Stainless steel grid filter																	4	
16 Probe installation accessories	Ball valve set for installation into pipeline																	E	
	Fitting Body NPT1/2																	H	
	Fitting Body ISO1/2																	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 F 2 2 M C D 1 A 2 B M 2 A 4 E

End customer: _____

Spare parts & Accessories

Rain shield for the transmitter housing
Fitting Body ISO1/2
Fitting Body NPT1/2
Ball Valve ISO1/2 with Welding Joint
Stainless Steel Grid Filter
Galvanic isolator
Barrier
Serial Interface Cable (for service use only)

215109
DRW212076SP
NPTFITBODASP
BALLVALVE-1
HM47453SP
212483
210664
25905ZZ



Order form
Purchaser _____

Valid from February 2020
Order no. _____

HMT368 Moisture and Temperature Transmitter for JET A-1

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Vaisala HUMICAP® Moisture and Temperature Transmitter for JET A-1																			
		HMT360	8	H														PRICE	
Transmitter unit	1 Transmitter type	HMT368	for pressurized pipelines	8															
	2 Parameters		a_w+T+ppmw+RS%+Ts (JET A-1 only)	H															
	3 Display		No display		1														
			Display on transmitter cover		2														
	4 Number of analog outputs		1 analog output channel (Ch1)	4... 20 mA	1														
			2 analog output channels (Ch1 + Ch2)	4... 20 mA	2														
	5 Parameter and scaling for		No analog output (Ch2)					A											
	6 analog output (Ch1 & Ch2)		Temperature				C	C											
			a _w (0...1)				M	M											
			ppmw (0...500)				N	N											
		RS% (0...100)				P	P												
		Ts (-40...+60C°)				Q	Q												
Special:	Define quantity for:	CH1: _____	CH2: _____			X	X												
	Define scale for:	CH1: _____	CH2: _____																
					Ch1														
					Ch2														
	7 Analog output range for temperature	-40...+60°C	<i>(-40...+140°F)</i>					A											
		-20...+60°C	<i>(-4...+140°F)</i>					B											
		0...+60°C	<i>(+32...+140°F)</i>					C											
	- If no temperature output is desired, choose A	-20...+80°C	<i>(-4...+176°F)</i>					D											
		-20...+120°C	<i>(-4...+248°F)</i>					E											
		-40...+80°C	<i>(-40...+176°F)</i>					F											
		-40...+120°C	<i>(-40...+248°F)</i>					G											
		0...+100°C	<i>(+32...+ 212°F)</i>					H											
		-20...+180°C	<i>(-4...+356°F)</i>					J											
		-40...+180 °C	<i>(-40...+356°F)</i>					K											
		0...+180°C	<i>(+32...+356°F)</i>					L											
		Special	<i>Scale (in °C or F) _____</i>					X											
	8 Output units	Metric							1										
		Non-metric							2										
	9 Interface cable connection	Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm								A									
		Conduit fitting NPT1/2" (for wire conduits)								B									
		Cable gland M20x1.5 for cable diameters 10 ... 15 mm								C									
	10 Ex certification and issuer	ATEX (VTT), Ex ia IIC T4									2								
		IECEX (VTT), Ex ia IIC T4									3								
		Factory Mutual (USA)									4								
		CSA (Canada)									5								
	See latest Ex certificates at: www.vaisala.com/hmt360	TIIS (Japan)									7								
		TR CU (EAC)									8								
		KOSHA (Korea)									A								
	11 User's guide	English										B							
		German										C							
		French										D							
		Finnish										E							
		Swedish										G							
		Japanese										J							
		Russian										K							
		Chinese										V							
Probe	12 Probe and cable length	2m (6.6 ft)	226 mm probe (9")										L						
		5 m (16.4 ft)	226 mm probe (9")										M						
		10 m (32.8 ft)	226 mm probe (9")										N						
		2m (6.6 ft)	448 mm probe (18")										P						
		5 m (16.4 ft)	448 mm probe (18")										Q						
		10 m (32.8 ft)	448 mm probe (18")										R						
	13 Sensor type	Special sensor for fluids											2						
	14 (blank)													A					
	15 Sensor protection	Stainless steel grid filter													4				
	16 Probe installation accessories	Ball valve set for installation into pipeline																E	
		Fitting Body NPT1/2																H	
		Fitting Body ISO1/2																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 H 2 2 N C D 1 A 2 B M 2 A 4 E

End customer: _____

Spare parts & Accessories

Rain shield for the transmitter housing	215109
Fitting Body ISO1/2	DRW212076SP
Fitting Body NPT1/2	NPTFITBODASP
Ball Valve ISO1/2 with Welding Joint	BALLVALVE-1
Stainless Steel Grid Filter	HM47453SP
Galvanic isolator	212483
Barrier	210664
Serial Interface Cable (for service use only)	25905ZZ

Probes for HMT360 Moisture and Temperature Transmitter for Oil

Moisture and Temperature Probes for HMT360 Transmitter			1	2	3	4	5	6	7	PRICE
1 Probe type	HMP368	for pressurized pipelines	8							
2 Probe and cable length	2m (6.6 ft)	226 mm probe (9")		L						
	<i>5 m (16.4 ft)</i>	<i>226 mm probe (9")</i>		<i>M</i>						
	<i>10 m (32.8 ft)</i>	<i>226 mm probe (9")</i>		<i>N</i>						
	2m (6.6 ft)	448 mm probe (18")		P						
	<i>5 m (16.4 ft)</i>	<i>448 mm probe (18")</i>		<i>Q</i>						
	<i>10 m (32.8 ft)</i>	<i>448 mm probe (18")</i>		<i>R</i>						
3 Sensor type	Special sensor for fluids				2					
4 (blank)						A				
5 Sensor protection	Stainless steel grid filter						4			
6 Probe installation accessories	<i>Ball valve set for installation into pipeline</i>							<i>E</i>		
	Fitting Body NPT1/2							H		
	Fitting Body ISO1/2							N		
7 Ex certification and issuer	ATEX (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	
	KOSHA (Korea)								A	
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 the order code with typical settings:

HMP360 8 M 2 A 4 E 2

End customer: _____

Spare parts & Accessories

Fitting Body ISO1/2
Fitting Body NPT1/2
Ball Valve ISO1/2 with Welding Joint
Stainless Steel Grid Filter

DRW212076SP
NPTFITBODASP
BALLVALVE-1
HM47453SP

HMT360 Moisture and Temperature Transmitter for Oil/ Fuel

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Vaisala HUMICAP® Moisture and Temperature Transmitter for Oil/ Fuel		HMT360	0										0	0	0	0	0	PRICE			
Transmitter unit	1 Transmitter type	No probe (only transmitter housing)		0																	
	2 Parameters	a _w +T		F																	
		a _w +T+ppmw+RS%+Ts (JET A-1 only)		H																	
	3 Display	No display			1																
		Display on transmitter cover			2																
	4 Number of analog outputs	1 analog output channel (Ch1)		4... 20 mA	1																
		2 analog output channels (Ch1 + Ch2)		4... 20 mA	2																
	5 Parameter and scaling for	No analog output (Ch2)																			
	6 analog output (Ch1 & Ch2)	Temperature					C														
	Special: Define quantity for: Define scale for:	a _w (0...1)					M														
ppmw (0...500)					N																
RS% (0...100)					P																
Ts (-40...+60°C)					Q																
CH1: _____ CH2: _____					X																
CH1: _____ CH2: _____					X																
7 Analog output range for temperature	-40...+60°C		(-40...+140°F)															A			
	-20...+60°C		(-4...+140°F)																B		
	0...+60°C		(+32...+140°F)																	C	
	-20...+80°C		(-4...+176°F)																	D	
	-20...+120°C		(-4...+248°F)																	E	
	-40...+80°C		(-40...+176°F)																		F
	-40...+120°C		(-40...+248°F)																		G
	0...+100°C		(+32...+ 212°F)																		H
	-20...+180°C		(-4...+356°F)																		J
	-40...+180°C		(-40...+356°F)																		K
	0...+180°C		(+32...+356°F)																		L
	Special		Scale (in °C or F)																	X	
	8 Output units	Metric																		1	
		Non-metric																			2
9 Interface cable connection	Cable gland M20x1.5 for cable diameters 7.5 ... 12 mm																		A		
	Conduit fitting NPT1/2" (for wire conduits)																			B	
	Cable gland M20x1.5 for cable diameters 10 ... 15 mm																			C	
10 Ex certification and issuer	ATEX (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	
	KOSHA (Korea)																			A	
11 User's guide	English																		B		
	German																			C	
	French																			D	
	Finnish																			E	
	Swedish																			G	
	Japanese																			J	
	Russian																			K	
	Chinese																			V	
12 Probe and cable length	None																		0		
	None																			0	
	None																			0	
	None																			0	
13 Sensor type	None																			0	
	None																			0	
	None																			0	
	None																			0	
14 (blank)	None																			0	
	None																			0	
15 Sensor protection	None																			0	
	None																			0	
16 Probe installation accessories	None																			0	
	None																			0	
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 F 2 2 M C D 1 A 2 B 0 0 0 0 0

End customer: _____

Spare parts & Accessories

Rain shield for the transmitter housing	215109
Galvanic isolator	212483
Barrier	210664
Serial Interface Cable (for service use only)	25905ZZ