

Bodhi (Shanghai) measurement technology Co.,Ltd.
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MMT318 Moisture and Temperature Transmitter

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Vaisala HUMICAP® Moisture and Temperature Transmitter for Oil MMT310	8			A													
1. Probe code	MMT318	for pressurized pipelines															
2. Transmitter type	aw+T			F													
	aw+T+ppm	for mineral transformer oil only		M													
	%RS + T + ppm	mineral transformer oil only		P													
	aw+T+ppm**)	specific transformer oil type: _____		X													
3. Mounting	Mounting plate (72.5 x 115 mm)				5												
4. Power supply	no (24 VDC)			A													
5. Signal output	Analog output channel (Ch1&Ch2)	4... 20 mA & RS232C				1											
	Analog output channel (Ch1&Ch2)	0... 20 mA & RS232C				2											
	Analog output channel (Ch1&Ch2)	1... 5 V & RS232C				J											
	Analog output channel (Ch1&Ch2)	0... 5 V & RS232C				4											
	Analog output channel (Ch1&Ch2)	0... 10 V & RS232C				5											
6. Analog output signals	Analog outputs disabled					A	A										
7. for Ch1 and Ch2	Temperature (choose range in next section)					C	C										
	aw (0...1)	(0...1)				T	T										
	ppm (0...100)	(0...100)				U	U										
	%RS (0...100)	(0...100)				W	W										
SPECIAL:	Define quantity for CH1: _____	CH2: _____				X	X										
	Define scale for CH1: _____	CH2: _____															
NOTE:	- Choose A for both channels if you don't use analog outputs																
8. Analog output range	No range							A									
for temperature	-60...+60 °C	(-76...+140 °F)						B									
	-40...+60 °C	(-40...+140 °F)						C									
	-40...+120 °C	(-40...+248 °F)						D									
	-40...+180 °C	(-40...+356 °F)						E									
	-20...+60 °C	(-4...+140 °F)						F									
	-20...+80 °C	(-4...+176 °F)						G									
	-20...+120 °C	(-4...+248 °F)						H									
NOTE:	- Choose A when T							J									
is not desired	special							K									
								X									
9. Output units	metric								1								
	non-metric								2								
10. Interface connection	Connector (M12, 8-pin), no plug								0								
	Connector (M12, 8 pin) and plug with 5m cable	spare 5 m cable: 212142							4								
	Connector (M12, 8 pin) and plug with 10 m cable	spare 10 m cable: 210964SP							7								
	Connector (M12, 8 pin) and plug with screw terminals								5								
11. Operating manual language	no manual									A							
	english	see latest manual online: www.vaisala.com/mmt310								B							
12. Probe type	226 mm probe	with 2 m cable									S						
	226 mm probe	with 5 m cable									T						
	226 mm probe	with 10 m cable									U						
	448 mm probe	with 2 m cable									V						
	448 mm probe	with 5 m cable									W						
	448 mm probe	with 10 m cable									Z						
13. Moisture sensor type	special sensor for fluids	spare: HUMICAP180L2										2					
14. Sensor protection in probe	stainless steel grid (for applications with high flow speed, >1 m/s)	spare: 220752SP											E				
	stainless steel grid (standard)	spare: HM47453SP											F				
15. Special features	none													1			
16. Installation kit	ball valve set	spare: BALLVALVE-1													E		
	fitting body ISO1/2, no leak screw	spare: DRW212076SP														G	
	fitting body NPT1/2, no leak screw	spare: 212810SP														H	
17. Calibration certificate	calibration at room temperature	standard service calibration: 216989															2

Selections in bold are included in the prices of the basic versions.

Selections in *italic* are available at an extra price.

Options and accessories:

238607 USB Service cable
ASM211103 Rain Shield

Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
MMT310	8	F	5	A	1	C	T	K	1	4	B	S	2	F	1	E	2

End customer: _____

**) Check the availability and special delivery time from your local Vaisala representative.
This model is always needed with silicone based transformer oils.

上海博众测量技术有限公司

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