VAISALA

Order form		
Orderer		
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Valid from October 2009 Order no.

MMT317 Moisture and Temperature Transmitter

Vaisala HUMICA	P [®] Moisture ar	nd Temperature	Transmitter for Oil	MMT310 7	П	1	Α								2	1		2	PRICE
Probe code	MMT317	small pressure t	tight probe	7			寸						7					T	
Transmitter type		aw+T			F								- 1						
		aw+T+ppm	for mineral transformer oil	only	M														
		aw+T+ppm**)	specific transformer oil t	ype:	X								- 1						
Mounting		Mounting plate (72	2.5 x 115 mm)			5												- [
		Mounting plate (48	3.5 x 115 mm)			6													
Power supply		no (24 VDC)					Α												
Signal output		Analog output cha	nnel (Ch1&Ch2)	4 20 mA & RS2	32C			1											
		Analog output cha	nnel (Ch1&Ch2)	0 20 mA & RS2	32C			2											
Analog output signals		Analog outputs dis	sabled					A	Α				- 1						
for Ch1 and Ch2		Temperature (choo	ose range in next section)					С	С										
		aw (01)	(01)					Т	Т				- 1						
		ppm (0100)	(0100)					U	U				- 1						
SPECIAL:	Define quantity for	CH1:	CH2:					Х	Х										
	Define scale for	CH1:	CH2:																
NOTE:													- 1						
- Choose A for both	channels			Ch1															
when you don't use	e analog outputs			Ch2						1 1									
Analog output range		No range								Α									
for temperature		-60+60°C	(-76140°F)							В									
		-40+60°C	(-40+140°F)							С									
		-40+120°C	(-40+248°F)							D			- 1						
		-40+180°C	(-40+356°F)							E									
		-20+60°C	(-4+140°F)							F			- 1						
		-20+80°C	(-4+176°F)							G			- 1						
		-20+120°C	(-4+248°F)							н			- 1						
NOTE:		0+60℃	(+32+140°F)							J			- 1						
- Choose A when T		0+100℃	(+32+ 212°F)							K			- 1						
is not desired		special								Х									
Output units		metric									1								
		non-metric									2								
Interface connection		Connector (M12, 8										0							
			oin) and plug with 5m cable									4							
		Connector (M12, 8 p	pin) and plug with screw terminals									5							
Operating manual lang	guage	no manual											Α						
		english											В						
Probe		with 0.5 m cable												х					
		with 2 m cable												Р					
		with 5 m cable												Q					
		with 10 m cable												R					
Moisture sensor type		special sensor for	fluids												2				
Sensor protection in pr	robe		l (for applications with high flow sp	peed, >1 m/s)											E				
0		stainless steel grid	l (standard)												F	ا ر ل			
Special features		none Swagelok ISO 1/2"														1	K		
Installation kit		Swagelok ISO 1/2" Swagelok NPT 1/2"															N	J	
mstaliation kit																	V		
Calibration partificate		Swagelok ISO 3/8"	a tomporaturo														V	2	
Calibration certificate		calibration at room	i temperature														TO	_	
																		OTY	
																TOTA			

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:

MMT310	7	F	5	Α	1	С	Т	K	1	4	В	Р	2	F	1	٧	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.

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TOTAL VALUE

MMT318 Moisture and Temperature Transmitter

Vaisala HUMICAP® Moistur	e and Temperatur	e Transmitter for Oil	MMT310	8	Τ	Α					T	П	T	2	1		2	PRICE
Probe code MMT318	for pressurized pi			8											†		П	
Transmitter type	aw+T			F	:													
3,6	aw+T+ppm	for mineral transformer oil	only	M														
	aw+T+ppm**)	specific transformer oil type:	,	X														
Mounting	Mounting plate (72.5		-															
g	Mounting plate (48.5				6													
Power supply	no (24 VDC)	x 110 mm)				L A												
Signal output	Analog output chann	ol (Ch1 % Ch2)	4 20 mA &	Beaane			J 1											
Signal output	Analog output chann		0 20 mA &				2											
Analog output signals	Analog outputs disal		0 20 IIIA 0	1102020				A	А									
for Ch1 and Ch2		e range in next section)						c	c									
for GHT and GHZ								- 1	т									
	aw (01)	(01)						Т										
	ppm (0100)	(0100)						U	U									
SPECIAL: Define quantity for		CH2:						Х	Х									
	CH1:	CH2:																
NOTE:																		
- Choose A for both channels			Ch1															
when you don't use analog outpu	uts		Ch2															
Analog output range	No range									A								
for temperature	-60+60℃	(-76140°F)								В								
	-40+60 °C	(-40+140°F)								С								
	-40+120℃	(-40+248°F)								D								
	-40+180℃	(-40+356°F)								E								
	-20+60 °C	(-4+140°F)								F								
	-20+80 °C	(-4+176°F)								G								
	-20+120°C	(-4+248°F)								н								
NOTE:	0+60 ℃	(+32+140°F)								J								
- Choose A when T	0+100℃	(+32+ 212°F)								к								
is not desired	special	,								x								
Output units	metric																	
	non-metric									2								
Interface connection	Connector (M12, 8-pi	n), no plug									٠,							
		n) and plug with 5m cable									4							
		and plug with screw terminals									5							
Operating manual language	no manual	y and plug with screw terminals										A						
oporating manaar language	english											В						
Probe type	226 mm probe	with 2 m cable										В	s					
1 Tobe type	226 mm probe	with 5 m cable											T					
	226 mm probe	with 10 m cable											Ü					
	448 mm probe	with 2 m cable											V					
	448 mm probe	with 5 m cable											W					
	448 mm probe	with 10 m cable											Ζ					
Moisture sensor type	special sensor for flu													2				
Sensor protection in probe		or applications with high flow sp	peed, >1 m/s)											Е				
	stainless steel grid (standard)												F	_			
Special features	none														1	_		
Installation kit	ball valve set															Ε		
	fitting body ISO1/2, n															G		
	fitting body NPT1/2,															Н	J [
Calibration certificate	calibration at room to	emperature															2	
																	TAL	
																	OTY	

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:

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.