VAISALA

Order form
Orderer

Valid from September 2015
Order no.

MMT162 Moisture and Temperature Transmitter for Oil

			1	2	3	4	5	6	7	8	9	10	11	12	13	
	Vaisala HUMICAP® Moisture and Temperature Transmitter for Oil	**MMT162**						**0**					**A**			PRICE
1 Transmitter type	Plastic housing, ISO G1/2" thread		A													
	Metal housing, ISO G1/2" thread		B													
	Metal housing, NPT 1/2" thread		C													
2 Measurement parameters	**aw + T**			**1**												
	aw + T + ppm (ppm for mineral transformer oil only)			**2**												
	%RS + T + ppm (ppm for mineral transformer oil only)			**3**												
	aw + T + ppm (specific transformer oil type:_____)			*X*												
3 Analog output + RS-485 as standard	**0...5V**				**B**											
	0...10V				**C**											
	4...20mA				**D**											
	0...20mA				**E**											
	RS-485 with Modbus RTU mode by default (analog outputs disabled)				**M**											
4 Analog output parameter or function for Ch1	**None**	(Select only for RS-485/Modbus use)				**A**										
	aw	0...1				**B**										
	ppm_w	0...100 ppm				**C**										
	ppm_w	0...500 ppm				**D**										
	%RS	0... 100 %				**E**										
	T	-40...+60 °C -40...+140 °F				**F**										
	T	-20...+80 °C -4....176 °F				**G**										
	T	0...100 °C 32...212 °F				**H**										
	free scale	Define parameter: _____				**X**										
		Define scale: low: _____ high: _____														
	Alarm level output	Define: parameter: _____ level: _____				**Y**										
5 Analog output parameter or function for Ch2	**None**	(Select only for RS-485/Modbus use)					**A**									
	aw	(0...1)					**B**									
	ppm_w	(0...100 ppm)					**C**									
	ppm_w	(0...500 ppm)					**D**									
	%RS	0... 100 %					**E**									
	T	-40...+60 °C -40...+140 °F					**F**									
	T	-20...+80 °C -4....176 °F					**G**									
	T	0...100 °C 32...212 °F					**H**									
	free scale	Define parameter: _____					**X**									
		Define scale: low: _____ high: _____														
	Alarm level output	Define: parameter: _____ level: _____					**Y**									
	LED indication**	Define trigger: parameter: _____ level: _____					**Z**									
6 Special features	**None**							**0**								
7 Output units	**Metric**								**A**							
	Non-metric								**B**							
8 Sensor protection	**Stainless steel grid filter, standard**									**A**						
	Stainless steel grid filter for high flow rate (>> 1m/s)									**B**						
9 Cable for analog output and power supply (Port I)	**None**										**0**					
	3 m (9.8 ft) shielded cable, M8 threaded connector, straight										*2*					
	2 m (6.6 ft) cable, M8 threaded connector, 90° angle										*6*					
	5 m (16.4 ft) cable, M8 threaded connector, 90° angle										*7*					
	3 m (9.8 ft) cable, M8 threaded connector, 90° angle, Ch1 signal + Ch2 LED light										*8*					
10 Cable for RS485 and power supply (Port II)	**None**											**0**				
	3 m (9.8 ft) shielded cable, M8 threaded connector, straight											*2*				
	2 m (6.6 ft) cable, M8 threaded connector, 90° angle											*6*				
	5 m (16.4 ft) cable, M8 threaded connector, 90° angle											*7*				
11 Labeling	**Standard**												**A**			
12 Package	**Cardboard single package**													**1**		
	Package for 10 units													**2**		
13 User' s guide	**None**														**A**	
	Multilingual quick guide														**X**	
															TOTAL	
															QTY	
															TOTAL VALUE	

** For LED indication, choose LED cable in option 9

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:

MMT162	B	1	D	B	F	0	A	A	2	0	A	1	X

End customer: _____

Accessories and spare parts

225356SP	*Stainless steel grid filter*
221494SP	*Stainless steel grid filter for high flow (>1 m/s)*
219980	*Connection cable for MM70 hand-held meter*
219690	*USB serial interface cable*
221525SP	*Standard sealing ring set (U-seal) ISO G1/2, 3 pcs*
221524SP	*Sealing ring set (copper) ISO G1/2, 3 pcs*
218773	*ISO 1/2 plug*
222507	*NPT 1/2" plug*
DMT242SC	*Sampling cell*
DMT242SC2	*Sampling cell w. Swagelok connectors*