



Order form  
Orderer

Valid from September 2009  
Order no.

## MMT162 Moisture and Temperature Transmitter for Oil

		1	2	3	4	5	6	7	8	9	10	11	12	13	PRICE
<b>Vaisala HUMICAP® Moisture and Temperature Transmitter for Oil</b>		<b>MMT162</b>													
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	<b>aw + T</b>		<b>1</b>											
		<b>aw + T + ppm (mineral transformer oil only)</b>		<b>2</b>											
		<i>aw + T + ppm (specific transformer oil type: _____)</i>		<b>X</b>											
3	Analog output + RS485 as standard	<b>0...5V</b>			<b>B</b>										
		<b>0...10V</b>			<b>C</b>										
		<b>4...20mA</b>			<b>D</b>										
		<b>0...20mA</b>			<b>E</b>										
4	Analog output parameter or function for Ch1	<b>aw</b>				<b>B</b>									
		0...1													
		<b>ppm<sub>w</sub></b>				<b>C</b>									
		0...100 ppm													
		<b>ppm<sub>w</sub></b>				<b>D</b>									
		0...500 ppm													
		<b>T</b>				<b>F</b>									
		-40...+60 °C													
		-40...+140 °F													
		<b>T</b>				<b>G</b>									
		-20...+80 °C													
		-4...176 °F													
		<b>T</b>				<b>H</b>									
		0...100 °C													
		32...212 °F													
		<b>free scale</b>				<b>X</b>									
		Define parameter:													
		Define scale: <u>low:</u> _____ <u>high:</u> _____													
		<b>Alarm level output</b>				<b>Y</b>									
		Define: <u>parameter:</u> _____ <u>level:</u> _____													
5	Analog output parameter or function for Ch2	<b>aw</b>				<b>B</b>									
		(0...1)													
		<b>ppm<sub>w</sub></b>				<b>C</b>									
		(0...100 ppm)													
		<b>ppm<sub>w</sub></b>				<b>D</b>									
		(0...500 ppm)													
		<b>T</b>				<b>F</b>									
		-40...+60 °C													
		-40...+140 °F													
		<b>T</b>				<b>G</b>									
		-20...+80 °C													
		-4...176 °F													
		<b>T</b>				<b>H</b>									
		0...100 °C													
		32...212 °F													
		<b>free scale</b>				<b>X</b>									
		Define parameter:													
		Define scale: <u>low:</u> _____ <u>high:</u> _____													
		<b>Alarm level output</b>				<b>Y</b>									
		Define: <u>parameter:</u> _____ <u>level:</u> _____													
		<b>LED indication**</b>				<b>Z</b>									
		Define trigger: <u>parameter:</u> _____ <u>level:</u> _____													
6	Special features	<b>None</b>													
7	Output units	<b>Metric</b>													
		<b>Non-metric</b>													
8	Sensor protection	<b>Stainless steel grid filter, standard</b>													
		<b>Stainless steel grid filter for high flow rate (&gt;&gt; 1m/s)</b>													
9	Cable for analog output and power supply (Port I)	<b>None</b>													
		<i>3 m (9.8 ft) shielded cable, M8 threaded connector, straight</i>													
		<i>2 m (6.6 ft) shielded cable, M8 threaded connector, 90° angle</i>													
		<i>5 m (16.4 ft) shielded cable, M8 threaded connector, 90° angle</i>													
		<i>3 m (9.8 ft) cable, M8 threaded connector, 90° angle, Ch1 signal + Ch2 LED light</i>													
10	Cable for RS485 and power supply (Port II)	<b>None</b>													
		<i>3 m (9.8 ft) shielded cable, M8 threaded connector, straight</i>													
		<i>2 m (6.6 ft) shielded cable, M8 threaded connector, 90° angle</i>													
		<i>5 m (16.4 ft) shielded cable, M8 threaded connector, 90° angle</i>													
11	Labeling	<b>Standard</b>													
12	Package	<b>Cardboard single package</b>													
		<b>Package for 10 units</b>													
13	User's guide	<b>None</b>													
		<b>Multilingual quick guide</b>													
														<b>A</b>	
														<b>X</b>	
														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
POWER-1	100...240 VAC external power supply (IP30)