



Order form  
Purchaser \_\_\_\_\_

Order no. \_\_\_\_\_

### HMW90 Humidity and Temperature Transmitter - Voltage Output

				1	2	3	4	5	6	7	8	9	10	11	A	Price
Vaisala HUMICAP® Humidity and Temperature Transmitter				HMW90	3											
2	Output signal	0...10 V	3-wire													
		0...5 V	3-wire													
3	Output parameter for analog output 1	RH	0...100 %RH												B	
		Td	-20 ... +55°C (-4 ... +55°F)												C	
		x	0 ... 100 g/kg, 0 ... 700 gr/lb												D	
		h, free scale	Define <u>Low</u> _____ <u>High</u> _____												H	
		Td, free scale	Define <u>Low</u> _____ <u>High</u> _____												K	
		RH, free scale	Define <u>Low</u> _____ <u>High</u> _____												R	
		a, free scale	Define <u>Low</u> _____ <u>High</u> _____												S	
		T, free scale	Define <u>Low</u> _____ <u>High</u> _____												T	
		Tw, free scale	Define <u>Low</u> _____ <u>High</u> _____												W	
		dTd, free scale	Define <u>Low</u> _____ <u>High</u> _____												Y	
		x, free scale	Define <u>Low</u> _____ <u>High</u> _____												X	
4	Output parameter for analog output 2	RH	0...100 %RH												B	
		Td	-20 ... +55°C (-4 ... +55°F)												C	
		x	0 ... 100 g/kg, 0 ... 700 gr/lb												D	
		T	-5...+55 °C												E	
		T	0...+60 °C												F	
		h, free scale	Define <u>Low</u> _____ <u>High</u> _____												H	
		Td, free scale	Define <u>Low</u> _____ <u>High</u> _____												K	
		RH, free scale	Define <u>Low</u> _____ <u>High</u> _____												R	
		a, free scale	Define <u>Low</u> _____ <u>High</u> _____												S	
		T, free scale	Define <u>Low</u> _____ <u>High</u> _____												T	
		Tw, free scale	Define <u>Low</u> _____ <u>High</u> _____												W	
		dTd, free scale	Define <u>Low</u> _____ <u>High</u> _____												Y	
		x, free scale	Define <u>Low</u> _____ <u>High</u> _____												X	
5	Display and colour	Standard White (RAL9003, solid cover)													0	
		Standard White (RAL9003, display cover)													1	
		<i>Black (RAL9005, solid cover)</i>													2	
		<i>Black (RAL9005, display cover)</i>													3	
		<i>Grey (RAL7035, solid cover)</i>													4	
		<i>Grey (RAL7035, display cover)</i>													5	
		<i>Light Ivory (RAL1015, solid cover)</i>													6	
		<i>Light Ivory (RAL1015, display cover)</i>													7	
		<i>No logo, standard White (RAL9003, solid cover)</i>													8	
		<i>No logo, standard White (RAL9003, display cover)</i>													9	
6	Units	Metric													A	
		Non metric													B	
7	Display configuration	Default (RH, T)													A	
		RH, h, T													H	
		Rh, Td, T													K	
		RH, a, T													S	
		RH, Tw, T													W	
		RH, dTd, T													Y	
		RH, x, T													X	
8	Relay operation	None													0	
		Relay open below set point													1	
		Relay open above set point													2	
		Fault (Relay closed when transmitter in error state)													F	
		Not Fault (Relay closed when transmitter in normal operation)													N	
9	Relay set-point (Parameter and Hysteresis)	None													0	
		h, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												H	
		Td, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												K	
		RH, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												R	
		a, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												S	
		T, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												T	
		Tw, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												W	
		dTd, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												Y	
		x, free setpoint	Define <u>Low limit</u> _____ <u>High limit</u> _____												X	
11	Quick reference guide	No manual													0	
		Multilingual for analog devices													1	

Accessories:

- HTM10SP Humidity and temperature module
- 219980 Connection cable for HM70 hand-held meter
- 219690 USB cable for PC connection

Selections in bold are included in the prices of the basic versions  
Selections in italic are available at an extra cost

HMW90 3 2 B E 0 A A 0 0 A 1





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### HMW90 Humidity and Temperature Transmitter - BACnet/Modbus

Vaisala HUMICAP® Humidity and Temperature Transmitter		HMW90	5	0	A	A			0	0	A	Price
5 Display and colour	Standard White (RAL9003, solid cover)											
	Standard White (RAL9003, display cover)											
	<i>Black (RAL9005, solid cover)</i>											
	<i>Black (RAL9005, display cover)</i>											
	<i>Grey (RAL7035, solid cover)</i>											
	<i>Grey (RAL7035, display cover)</i>											
	<i>Light Ivory (RAL1015, solid cover)</i>											
	<i>Light Ivory (RAL1015, display cover)</i>											
	<i>No logo, standard White (RAL9003, solid cover)</i>											
	<i>No logo, standard White (RAL9003, display cover)</i>											
6 Units	Metric											
	Non metric											
7 Display configuration	Default (RH, T)											
	RH, h, T											
	Rh, Td, T											
	RH, a, T											
	RH, Tw, T											
	RH, dTd, T											
	RH, x, T											
11 Quick reference guide	No manual											0
	Multilingual for digital devices											2

Accessories:

- HTM10SP Humidity and temperature module
- 219980 Connection cable for HM70 hand-held meter
- 219690 USB cable for PC connection

**Selections in bold are included in the prices of the basic versions**  
*Selections in italic are available at an extra cost*

HMW90 5 0 A A 0 A A 0 0 A 2