



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			2										
		0...5 V	3-wire			3										
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	Non-display, Standard White (RAL9003)						0								
		Display, Standard White (RAL9003)						1								
		<i>Black (RAL9005, solid cover)</i>						2								
		<i>Display, Black (RAL9005)</i>						3								
		Non-display, No logo, standard White (RAL9003)						8								
		Display, No logo, standard White (RAL9003)						9								
6	Units	Metric						A								
		Non metric						B								
7	Display configuration	Default (RH, T)						A								
		RH, h, T		Entalpy			H									
		Rh, Td, T		Dewpoint			K									
		RH, a, T		Absolute humidity			S									
		RH, Tw, T		Wetbulb temperature			W									
		RH, dTd, T		Dewpoint depression			Y									
		RH, x, T		Mixing ratio			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





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

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

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

Vaisala HUMICAP® Humidity and Temperature Transmitter		1	2	3	4	5	6	7	8	9	10	11
5	Display and colour	Non-display, Standard White (RAL9003)	0									Price
		Display, Standard White (RAL9003)	1									
		<i>Black (RAL9005, solid cover)</i>	2									
		<i>Display, Black (RAL9005)</i>	3									
		<b>Non-display, No logo, standard White (RAL9003)</b>	8									
		<b>Display, No logo, standard White (RAL9003)</b>	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	
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