

VAISALA

HMW110
RH + T Wall mount Transmitter, ±2 %RH, IP65



HMW110 Order Form
G010040EN-A
Valid from August 2023

		12345678							
RH + T Wall mount Transmitter, ±2 %RH, IP65		HMW110							
hardware	1 Output signals	4...20 mA 2-wire loop-powered	2			V			N
	and display	• 4...20 mA 2-wire loop-powered, with display	4						
		Modbus RTU	M						
		• Modbus RTU, with display	N						
settings	2 Measured parameter for channel 1	RH 0...100%	A						
	and display ¹	Td -40...+80 °C (-40...+140 °F)	B						
		Temperature -40...+80 °C (-40...+140 °F)	C						
		Tw -40...+60 °C (-40...+140 °F)	D						
		A 0...130 g/m3 (0 ... 57 gr/ft3)	E						
		X 0...150 g/kg (0...1050 gr/lb)	F						
		H -40 ... 480 kJ/kg (-10 ... +190 BTU/lb)	H						
		Td special scale, please specify: _____	X						
		Tw special scale, please specify: _____	Y						
		H special scale, please specify: _____	Z						
		No selection (Modbus model) ²	N						
	3 Measured parameter for channel 2	Td -40...+80 °C (-40...+140 °F)	O						
	and display	T -40...+60 °C (-40...+140 °F)	1						
		T -5...+55 °C (23...+131 °F)	2						
		T 0...+50 °C (32...+122 °F)	3						
hw	5 Humidity sensor	• Robust general purpose humidity sensor (180R)	A						
		• Catalytic Sensor for H2O2 environments	C						
access	6 User guide	No User's Guide	O						
		• Multilingual Quick Guide for HMDW110 Series	I						
hardware	7 Display options	No display	N						
		Metric Units	1						
		Non-Metric Units	2						
		Metric units only (cannot be changed after delivery)	3						

1) Selects output parameter for first analog output and first parameter for the display (in devices with display)
2) In Modbus devices all parameters are always available. Choose No selection (Modbus model) for Modbus devices without display
3) If no second parameter is selected for devices with display only one parameter will be displayed according to the selected first parameter

NOTE:	Selections in bold are included in the prices of the basic versions. • Selections in <i>italic</i> are available at an extra price. * Suggested/default selection
LINKS:	User Guides Datasheet Vaisala.com product page

Accessories and spare parts

Conduit Fitting + O-Rin M16x1.5 / PG9, RE-MS
Conduit Fitting + O-Rin M16x1.5 / NPT1/2 Inch
USB Service Cable M8-4F, RS485
MI70 Connection Cable with M8-4F Connector
Terminal Block, Blue PK1304D 4P
Membrane Filter PC White UV stabilized
Porous PTFE Filter Ø12, L22mm
HUMICAP180R
HUMICAP180V

210674SP
210675SP
219690
219980SP
236620SP
ASM210856SP
DRW239993SP
HUMICAP180R
HUMICAP180V

Example of order code with typical settings:

	1	2	3	4	5	6	7	8
Loop powered:	HMW110	2	A	1	V	A	O	N
Loop powered, display:	HMW110	4	A	1	V	A	O	1
Modbus,no display:	HMW110	M	N	N	V	A	O	N
Modbus,display:	HMW110	N	A	1	V	A	O	1