

HMD110 RH+T Duct Transmitter, ±2 %RH



HMD110 Order Form
G010037EN-A
Valid from August 2023

			1	2	3	4	5	6	7	8
	RH+T Duct Transmitter, ±2 %RH	HMD110				V				N
hardware	1 Output Signals	4...20 mA 2-wire loop-powered	2							
	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...+60 °C (-40...+140 °F)	B							
		Temperature -40...+60 °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 ... 460 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...+60 °C (-40...+140 °F)	0							
hw		T -40...+60 °C (-40...+140 °F)	1							
		T -5...+55 °C (23...+131 °F)	2							
acc.		T 0...+50 °C (32...+122 °F)	3							
		T special scale, please specify:	X							
hardware		No selection (Modbus model) ^{2,3}	N							
	5 Humidity Sensor	+ Robust general purpose humidity sensor (180R)	A							
		• Catalytic Sensor for H2O2 environments	C							
	6 User Guide	No User's Guide	0							
		• Multilingual Quick Guide for HMDW110 Series	1							
	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 italic are available at an extra price.
+ Suggested/default selection

LINKS: [User Guides](#)
[Datasheet](#)
[Vaisala.com product page](#)

Example of order code with typical settings:

		1	2	3	4	5	6	7	8
Loop powered:	HMD110	2	A	1	V	A	0	N	N
Loop powered, display:	HMD110	4	A	1	V	A	0	1	N
Modbus, no display:	HMD110	N	N	N	V	A	0	N	N
Modbus, display:	HMD110	N	A	1	V	A	0	1	N

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
M170 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