VAISALA



HMT120 Order Form
G010010EN-A
Valid from April 2023

HMT120
Humidity and Temperature Transmitter, ±1.5 %RH, 4...20 mA

				SPARE CODE	HMT120	1	2	3	4	5	6	7	8	9	10	11	12	13
	Humidity and Temperature Transmitter, ±1.5 %RH, 4...20 mA								**A**									
hardware	1 Output Parameters	•	*Humidity output only, HMP110 Stainless Steel Probe*			*H*												
		•	*Humidity and Temperature, HMP110 Stainless Steel Probe*			*K*												
		•	*Temperature, HMP110T Stainless Steel Probe*			*T*												
		•	*Humidity and Temperature, Catalytic Sensor, HMP110 Stainless Steel Probe* [1]			*V*												
		•	*Humidity and Temperature, HMP113 Plastic Probe*			*3*												
	2 Transmitter Type		**Probe Mounted on Transmitter (Stainless Steel Probe)**				**A**											
		•	*3 m Cable for Remote Probe*	*HMT120Z300*			*B*											
		•	*5 m Cable for Remote Probe*	*HMT120Z500*			*C*											
		•	*10 m Cable for Remote Probe*	*HMT120Z1000*			*D*											
		•	*10 m with Cable for Remote Probe with 10m Extension Cable*				*E*											
		•	*20 m Cable for Remote Probe*	*HMT120Z2000*			*F*											
		•	*1,2 m Remote Probe Cable*	*HMT120Z120*			*G*											
		•	*Remote probe with 5 m plenum rated cable*				*H*											
		•	*Remote probe with 10 m plenum rated cable*				*K*											
		•	*Remote probe with 20 m plenum rated cable*				*L*											
			Probe Mounted on Transmitter (Plastic Probe)				**3**											
	3 *Display*		**No Display**					**0**										
		•	*With Display*					*1*										
		•	*No Display, No Logo (HMT120)*					*N*										
settings	5 Parameter for Output 1		**Channel 1 RH 0...100%RH**							**1**								
			Channel 1 Tdf -20...+80 °C (-4...+176 °F)							**2**								
			Channel 1 h -40...1500 kJ/kg (-9.5...+652.6 Btu/lb)							**3**								
			Channel 1 Tw 0...+80 °C (+32...+176 °F)							**4**								
			Channel 1 a 0...300g/m3 (0...131gr/ft3)							**5**								
			Channel 1 x 0...500g/kg d.a. (0...3600gr/lb)							**6**								
			Channel 1 Pw 0...500hPa (0...7.3 psi)							**7**								
			Channel 1 Pws 0...500hPa (0...7.3 psi)							**8**								
			Channel 1 Td -20...+80C (-4...+176°F)							**9**								
			Temperature Range T -40...+60 °C (-40...+140°F)							**B**								
			Temperature Range T -20...+80 °C (-4...176°F)							**C**								
			Temperature Range T 0...+60 °C (+32...+140°F)							**D**								
			Temperature Range T -40...+80 °C (-40...+176°F)							**E**								
			Temperature Range T 0...+50 °C (+32...+122°F)							**F**								
			Channel 1 Parameter and Custom Scaling							**X**								
	6 Parameter for Output 2		**Channel 2 No Output**								**A**							
			Temperature Range T -40...+60 °C (-40...+140°F)								**B**							
			Temperature Range T -20...+80 °C (-4...176°F)								**C**							
			Temperature Range T 0...+60 °C (+32...+140°F)								**D**							
			Temperature Range T -40...+80 °C (-40...+176°F)								**E**							
			Temperature Range T 0...+50 °C (+32...+122°F)								**F**							
			Channel 2 RH 0...100%RH								**1**							
			Channel 2 Parameter and Custom Scaling								**X**							
	7 Display Units		**Metric Units**									**1**						
			Non Metric Units									**2**						
hardware	8 Sensor protection [2]		**Plastic Grid for Steel Probe**	*DRW010522SP*									**1**					
			Plastic Grid with PTFE filter for Steel Probe	*DRW010525SP*									**2**					
		•	*Stainless steel sintered filter for Steel Probe*	*HM46670SP*									*3*					
			Plastic Grid with PTFE filter for HMP113	*ASM210856SP*									**A**					
			Plastic Grid for HMP113	*DRW240185SP*									**B**					
		•	*Sintered Teflon Filter for HMP113*	*219452SP*									*D*					
		•	*Sintered Teflon Filter for Steel Probe*	*DRW244938SP*									*E*					
accessory	9 Transmitter installation		**No Accessories**											**A**				
		•	*Rain Shield with Installation Kit*	*215109*										*C*				
	10 Installation kit for probe		**No Accessories**												**1**			
		•	*Duct Installation Kit*	*215619*											*2*			
		•	*Probe Mounting Flange*	*226061SP*											*3*			
		•	*Solar Radiation Shield with Probe Installation Kit*	*DTR504A*											*5*			
		•	*Probe Mounting Clamp*	*225501SP*											*6*			
hardware	11 Cable bushings		**Cable Gland for 2...6 mm Diameter Cable**													**A**		
		•	*Conduit Fitting PG9*													*B*		
		•	*Conduit Fitting NPT 1/2"*													*C*		
			No Bushing (with rubber plug)													**D**		
			Enlarger PG-9 to PG-11 Lock Nut PG9, MsNi													**E**		
		•	*All Bushings (Includes Cable Gland, PG9 and NPT1/2" Conduit Fittings)*													*Z*		
accessory	12 PC Accessories		**No Accessories**														**0**	
		•	*USB Service Cable for PC*	*219685*													*1*	
	13 Operation manual		**No User's Guide**															**A**
		•	*Multilingual Manual*															*Z*

1) For applications where Vaporized Hydrogen Peroxide is present
2) Link for Filter Selection guide

NOTE:
Selections in bold are included in the prices of the basic versions.
- *Selections in italic are available at an extra price.*

LINKS:
User Guides
Datasheet
Vaisala.com product page

Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9	10	11	12	13
HMT120	*K*	**A**	0	**A**	**1**	**B**	**1**	**1**	**A**	**1**	**A**	**0**	**Z**

Related Items

	Part number
MI70 Connection Cable for HMT/DMT/MMT330 and HMT120/130-series	211339
Outdoor Installation kit (Weather shield)	215109
Duct Installation Kit	215619
Sintered PTFE Filter, Female Thread	219452SP
USB Service Cable, RJ45	219685
Probe Mounting Clamps (10 pcs) Probe Ø12	226067
Cable Grommet HMT120 Spare Part	227627SP
Cover Model LCD HMT120 Spare Part	ASM210035SP
Membrane Filter PC White UV stabilized	ASM210856SP
Magnetic Probe Holder, 5pcs	ASM213382SP
Sensor Protection Grid DRW010522	DRW010522SP
Metal Coated PPS Grid Filter with PTFE membrane, Male Thread	DRW010525SP
Spare Part Set 10pcs Bushing	DRW232413SP
Cover Model No LCD HMT120 Spare Part	DRW233359SP
Spare Plastic Grid PC, White, M10x1	DRW240185SP
Porous Sintered PTFE Filter Ø12, L25mm	DRW244938SP
Radiation Shield For HMP60 +Acc.	DTR504A
Sintered Stainless Steel Filter, Male Thread	HM46670SP
Connection Cable, M8-4F - M8-4M, 10 m	HMT120Z1000
Connection Cable, M8-4F - M8-4M, 1,2 m	HMT120Z120
Connection Cable, M8-4F - M8-4M, 20 m	HMT120Z2000
Connection Cable, M8-4F - M8-4M, 3 m	HMT120Z300
Connection Cable, M8-4F - M8-4M, 5 m	HMT120Z500