VAISALA

XMP10
Compact Humidity and Temperature Probe



XMP10 Order Form
G010082EN-B
Valid from April 2026

				Sparepart	1	2	3	4	5	6	7	8	9	10	11	12
	Compact Humidity and Temperature Probe			XMP10									V	N	N	N
hardware	1 Measurements	•	*Humidity and temperature, ±1.0 %RH Humicap 180R sensor*		*A*											
		•	*Humidity and temperature, ±1.5 %RH Humicap 180R sensor*		*R*											
		•	*Humidity and temperature, ±2.0 %RH Humicap 180R sensor*		*B*											
		•	*Humidity and temperature, catalytic protection, ±1.5 %RH Humicap 180V sensor*		*C*											
		•	*Humidity and temperature, ±3.0 %RH Intercap sensor*		*I*											
		•	*Temperature*		*T*											
	2 Probe Material		**Plastic probe**			**P**										
		•	*Stainless Steel probe*			*S*										
accessory	3 Sensor Protection		**Electroplated plastic grid filter, metal color**				**E**									
			Plastic grid filter with membrane, white color	ASM210856SP			**F**									
			Plastic grid filter, white color	DRW240185SP			**G**									
			Electroplated plastic grid filter with membrane, metal color				**L**									
		•	*Slotted MIM filter*	*DRW255306SP*			*M*									
		•	*Slotted MIM filter with membrane*	*ASM214606SP*			*N*									
		•	*PTFE sintered filter*	*DRW256380SP*			*P*									
hardware	4 Calibration		**No calibration***					**0**								
			Standard temperature calibration: 23 °C**					**1**								
			Standard calibration: 0, 33, 75 %rh @ 23 °C***					**A**								
		•	*Wide range calibration: 0, 54, 95 %rh @ 23 °C****					*B*								
		•	*5-point precision calibration: 0, 33, 54, 75, 95 %rh @ 23 °C****					*C*								
settings	5 Output Mode		**Modbus RTU (incl. Origo, RFL100, VDL200)**						**M**							
			Voltage output 0 - 1 V						**1**							
			Voltage output 0 - 2.5 V						**2**							
			Voltage output 0 - 5 V						**3**							
			Voltage output 1 - 5V						**4**							
			Scaling for 4...20mA loop power converter						**5**							
			Vaisala serial line command interface						**R**							
			Vaisala VDIGI mode (for HMT120/130, HM40)						**S**							
	6 Output Details 1		**Default digital communication settings (19200, N, 8, 2)**							**0**	**0**					
	7 Output Details 2		**Analog channel 1: Td -40...+60 °C**							**C**	**C**					
			Analog channel 1: Td -40...+80 °C							**D**	**D**					
			Analog channel 1: h (-40...460 kJ/kg)							**E**	**E**					
			Analog channel 1: RH (0...100%)							**R**	**R**					
			Analog channel 1: T -40...+60 °C							**T**	**T**					
			Analog channel 1: T -40...+80 °C							**U**	**U**					
			Analog channel 1: Tw -40...+60°C							**W**	**W**					
			Analog channel 1: Special scale, please specify parameter and range:							**X**	**X**					
hardware	8 Documentation		**Electrical calibration certificate + manual, single package**									**0**				
		•	*Printed manual, electrical calibration certif., 1pc in multi-package*									*1*				
		•	*Printed calibration certif., electrical manual, 1pc in multi-package*									*2*				
		•	*Printed manual + calibration certificate, 1pc in multi-package*									*3*				
			Electrical calibration certificate + manual, multi-package									**A**				
		•	*Printed manual, electrical calibration certificate, multi-package*									*B*				
		•	*Printed calibration certificate, electrical manual, multi-package*									*C*				
		•	*Printed manual + calibration certificate, multi-package*									*D*	V	N	N	N

* Only with **Measurments** options I or T
** Only with **Measurments** option T
*** Not with **Measurments** selctions I or T

Note:	**Selections in bold are included in the prices of the basic versions.** • *Selections in italic are available at an extra price.*
Links:	User guide Datasheet Technical drawing Services (online store)

Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9	10	11	12
XMP10	*A*	P	F	A	M	0	0	0	V	N	N	N

accessory	item code
Vaisala INTERCAP® Humidity Sensor (1 pc)	15778HM
Cable, Instrumentation M8/4(F)-Open, 4x0.25mm2, 2m, PVC, Snap in, BLK	211598
USB Service Cable M8-4F, RS485	219690
Shielded Cable, M8-4F - Open Wires, 3 m	225229SP
Probe Mounting Clamp Set Ø12 Spare Part	225501SP
Shielded Cable, M8-4F - Open Wires, 1.5 m	225777SP
Mounting Bracket with Lid HMM100	225979
Probe Mounting Clamps (10 pcs) Probe Ø12	226067
FEP Connection Cable, M8-4F - Open Wires, 3 m	226902SP
Shielded Cable, 1.5 m SAC-4-P-1.5-PUR/M 8FR SH	231519SP
Connection Cable, M8-4F 90° - open wires, 3 m	231520SP
Shielded Cable, 5 m SAC-4-P-5.0-PUR/M 8FR SH	231521SP
Shielded Cable, M8-4F - Open Wires, 20 m	235859SP
Shielded Cable, M8-4F - Open Wires, 15 m	236407SP
M12 - M8 Service Cable 1.5 m (4.9 ft)	262195SP
Membrane Filter PC White UV stabilized	ASM210856SP
Magnetic Probe Holder, 5pcs	ASM213382SP
Slotted MIM Filter with Membrane Spare Part	ASM214606SP
Duct Installation Assembly	ASM216258SP
Spare Plastic Grid PC, White, M10x1	DRW240185SP
Slotted MIM Filter Spare Part	DRW255306SP
PTFE filter set 10pcs Ø12, L=25mm	DRW256380SP
Radiation Shield For HMP60 +Acc.	DTR504A
Connection Cable, M8-4F - Open Wires, 0.32 m	HMP50Z032SP
Connection Cable, M8-4F - Open Wires, 10 m	HMP50Z1000SP
Shielded Cable, 1.20m 4-pin M8 Female Straight	HMP50Z120
Connection Cable, M8-4F - Open Wires, 3 m	HMP50Z300SP
Connection Cable, M8-4F - Open Wires, 5 m	HMP50Z500SP
Humidity Sensor Catalytic	HUMICAP180V
Component Board 4...20 mA loop powered converter	UI-CONVERTER-1CB