

Vaisala Humidity and Temperature Probe HMP4

For high pressures up to 100 bar

Valid from: February 2022

Probe type
Probe cable
Sensor type
Filter type
Sensor purge
RS-485 baud rate
Data, Parity, Stop bits
Modbus address
Reserved
Installation accessory
Connection cable

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HMP4 for high pressures up to 100 bars		Order code		HMPX	4	В	_	_		_	<u> </u>		0		
Cable length between probe head and probe body 2 m	1														
Sensor type					4										
Sensor type	2		• • • • • • • • • • • • • • • • • • • •												
Humicap R2 composite sensor, allows sensor purge 1		2	? m			В									
Humicap R2 sensor, no sensor purge	3														
Filter type Sintered stainless steel filter Spare: HM47280SP B Stainless steel grid Spare: HM47453SP D			•	ge			1								
Sintered stainless steel filter Spare: HM47280SP B Stainless steel grid Spare: HM47453SP D		ŀ	lumicap R2 sensor, no sensor purge				2	╛							
Stainless steel grid Spare: HM47453SP D	4	• •													
Sensor purge, default purge interval 24h 1)				spare: HM47280	SP										
1) Purge on, composite sensor required (selection 3)				spare: HM47453	SP			D							
Purge off 1	5														
RS-485 baud rate		,	• • • • • • • • • • • • • • • • • • • •						0						
1) 19200 bps			-						1						
9600 bps B	6														
7 Data, Parity, Stop bits 1) 8, N, 2 0 8, E, 1 2 8, O, 1 4 8 Modbus address 1) 240 A 110 B 120 C 130 C 130 D 9 Reserved None 10 Probe mounting accessory HMP4 fitting body for M22 x 1,5 thread spare: 17223SP D HMP4 fitting body for NPT 1/2" thread spare: 17223SP E HMP4 fitting body set: M22 x 1,5 and NPT 1/2" spare: 17223SP R 11 Connection cable None 1.5m with open wires Spare: 223263SP 1		1) 1	19200 bps												
1) 8, N, 2 0 0 8, E, 1 2 2 8, O, 1 4 8 Modbus address 1) 240 A 110 B 120 C 130 C 130 D 9 Reserved None 0 10 Probe mounting accessory HMP4 fitting body for M22 x 1,5 thread spare: 17223SP D HMP4 fitting body for NPT 1/2" thread spare: 17223SP Spare: 17223SP + 17225SP R 11 Connection cable None										В]				
8, E, 1 8, O, 1 8	7	Data, Parity, S	Stop bits												
8, 0, 1 4 8 Modbus address 1 240 A 110 B 120 C 130 D 9 Reserved											0				
8											2				
1) 240											4				
110	8		ress												
120		1) 2	240									Α			
130 D		1	110									В			
None None None None N		1	20									С			
None 0		1	130									D			
Probe mounting accessory	9	Reserved													
HMP4 fitting body for M22 x 1,5 thread spare: 17223SP D HMP4 fitting body for NPT 1/2" thread spare: 17225SP E HMP4 fitting body set: M22 x 1,5 and NPT 1/2" spare: 17223SP + 17225SP R													0		
HMP4 fitting body for NPT 1/2" thread spare: 17225SP E HMP4 fitting body set: M22 x 1,5 and NPT 1/2" spare: 17223SP + 17225SP R 11 Connection cable None 0 1.5m with open wires spare: 223263SP 1	10														
HMP4 fitting body set: M22 x 1,5 and NPT 1/2" spare: 17223SP + 17225SP R				spare:	172	233	SP							D	
11 Connection cable None 1.5m with open wires Spare: 223263SP 1				spare:	172	253	SP							Ε	
None 0 1.5m with open wires spare: 223263SP 1				spare:	<u> 172</u>	233	SP	+ 17	7 <u>2</u> 2	5SF				R	
1.5m with open wires spare: 223263SP 1	11	Connection c	able												-
		N	None												0
10m, with open wires spare: 216546SP 2		1	1.5m with open wires	spare:	223	263	3SF	•							1
				spare:	216	546	3SF	•							2

¹⁾ Factory pre-set, can be changed in the field with a service cable (P/N USB2)

Probe can be connected to INDIGO series of transmitters regardless of the output configuration.

Selections in bold are included in the prices of the basic versions.

Selections in italic are available at an extra price.

Example of order code with typical settings:

For use with INDIGO transmitters	HMPX	4	В	1	В	0	Α	0	Α	0	R	0
For use with Modbus RTU	HMPX	4	В	1	В	0	Α	0	Α	0	R	2