

**Humidity and Temperature Probe** 



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HMPX Order Form G010016EN-C Valid from January 2024

1 2 3 4 5 6 7 8 9

Humidity and Temperature Probe SPARE CODE HMP3 general purpose probe HMP4 probe for pressures up to 100 bar HMP5 probe for high temperature and flange mounting HMP2 probe for high humidity HMP8 probe for pressures up to 40 bar 1 Probe Head • 2 Cable Length HMP3 with 0.15m cable HMP3 with 2m cable HMPS with 2m cable HMP3 with 5m cable HMP3 with 10m cable HMP4 with 2m cable HMP5 with 2m cable HMP5 with 10m cable HMP7 with 0.15m cable HMP7 with 2m cable HMP7 with 10m cable HMP8 with 2m cable MP8 with 10m cable Humicap R2 composite sensor, allows sensor purge Humicap R2 sensor, no sensor purge Catalytic Humicap sensor, allows sensor purge Catalytic Humicap sensor, no sensor purge 3 Sensor Type Catalytic humicap tensor, no sensor purge Plastic grid & SST net filter, HMP3, HMP7 Sintered Stainless Steel filter, all probes Plastic grid filter, HMP3 Stainless Steel Grid, HMP4, HMP8 SST membrane filter, HMP7 fuel cell<sup>2</sup> 4 Filter Type HM472805 HM47453SF SST membrane filter, HMP7 fuel cell<sup>2</sup> Start-up purge off, interval purge on, probe heat off<sup>1</sup> Purge off, probe heat off Start-up purge on, interval purge on, probe heat off Start-up purge on, interval purge off, probe heat off Start-up purge on, interval purge off, probe heat off Start-up purge on, interval purge off, probe heat off Start-up purge on, interval purge off, probe heat on Purge on, fast probe heat on (optimized for e.g. Fuel cell application)<sup>2</sup> 5 Purge and Heating 19200 - Use with Indigo transmitters<sup>1</sup> 9600 6 Baud Rate 8, N, 2 - Use with Indigo transmitters<sup>1</sup> 8, N, 1 8, E, 1 8, E, 2 8, 0, 1 7 Parity, Data Bit, Stop Bit

	8, 0, 1 8, 0, 2		4	
8 Probe Modbus Address	240 - Use with Indigo transmitters <sup>1</sup>			
o mode modeds / datess		110		
	120		c	
	130		P	
	140		E	
	150		F	
	160		G	
	170		н	
	180		L	
9 Custom	English certificate		0	
	English certificate, custom text to probe bo	ody, please specify ,max 10 char:	1	
	Japanese calibration certificate		2	
	<ul> <li>Japanese calibration certificate, custom tex</li> </ul>	t to probe body, please specify, max 10 char:	3	
10 Probe Mounting Accessory	No accessories			
	Installed Into INDIGO500MIK INDIGO50	OMIK must be ordered separately	1	
	<ul> <li>Duct Installation Kit for HMP3/HMP7</li> </ul>	210697	1	
	<ul> <li>Cable gland Agro, for sealing HMP3/HMP7</li> </ul>	cable HMP247CG		
	Fitting body M22 x 1,5, for HMP4	17223SP		
	Fitting body NPT 1/2", for HMP4	17225SP		
	<ul> <li>Mounting flange, for HMP5</li> </ul>	210696		
	<ul> <li>Swagelok NPT 1/2", for HMP7</li> </ul>	SWG12NPT12	(	
	<ul> <li>Swagelok ISO 3/8", for HMP7</li> </ul>	SWG12ISO38	/	
	<ul> <li>Swagelok ISO 1/2", for HMP7</li> </ul>	SWG12ISO12		
	<ul> <li>Warmed probe accessory for HMP7 with TI</li> </ul>	MPI	F	
	<ul> <li>Ball Valve ISO 1/2", for HMP8</li> </ul>	BALLVALVE-1	1	
	Pressure fitting NPT 1/2", for HMP8	212810SP		
	Pressure fitting ISO 1/2", for HMP8	DRW212076SP		
	<ul> <li>Pressure fittings ISO 1/2" + NPT 1/2", for HN</li> </ul>	1P8 212810SP + DRW212076SP		
	<ul> <li>Fitting bodies M22 x 1,5 + NPT 1/2", for HMI</li> </ul>	P4 17223SP + 17225SP	/	
11 Connection Cable	No connection cable			
	<ul> <li>1,5m connection cable with open wires</li> </ul>	223263SP		

 I,5m connection cable with open wires
 I0m connection cable with open wires 216546SP Other Connection cable with open wires
 ZI65455F
 O.3.m connection cable with open wires
 CBL210996-03M5P
 I) 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
 for our 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

2,101	iuci	cen application	

		Example of order code with typical settings:
NOTE:	Selections in bold are included in the prices of the basic versions.	For use with INDIGO transmitters
	<ul> <li>Selections in italic are available at an extra price.</li> </ul>	1 2 3 4 5 6 7 8 9 10 11
		HMPX 3 A 2 A 1 A 0 A 0 0 0
LINKS:	<u>User Guides</u>	For modbus use
	Datasheet	1 2 3 4 5 6 7 8 9 10 11
	Vaisala.com Indigo family page	HMPX 3 A 2 A 1 A 0 A 0 0 2





Keisted Items Fitting Body M22x1.5 Mounting Flange for 13.5mm Diameter Probe Duct Installation Kit For 12mm Probe 210697 Fitting Body NPt1/2 Solid Structure Stainless Steel Filter with Membrane Connection Cable, M2-26° - Open Vins, 1.5 m Cable, Spare Part M12/5(F)-Open, 5x0.34mm2, 1.5m, PP-EPDM/PP, GRY Cable, Spare Part M12/5(F)-Open, 5x0.34mm2, 5m, PP-EPDM/PP, GRY Cable, Spare Part M12/5(F)-Open, 5x0.34mm2, 5m, PP-EPDM/PP, GRY Cable, Spare Part M12/5(F)-Open, 5x0.34mm2, 10m, PP-EPDM/PP, GRY Cable, Spare Part M12/5(F)-Open, 5x0.34mm2, 5m, PP-EPDM/PP, GRY Cable, Spare Part M12/5(F)-Open, Stoel, Spare M1, Spar

Part number 17223SP 210696 210697 212810SP 214848SP 2254294SP 254294SP 254294SP 254296SP 254296SP 254295SP 254297SP 26719SP ASM218001 ASM214055 CBL210896-03MSP DRW01028ISP DRW01028ISP DRW01028ISP HM47280SP SWG12ISO12 SWG

