VAISALA

Humidity and Temperature Probe HMP7
For high humidity

Valid from: October 2022

	Order code	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
	Order code HMPX	7								0		
1	**Probe type**											
	HMP7 for high humidity	**7**										
2	**Cable length between probe head and probe body**											
	2 m		**E**									
	10 m		*F*									
3	**Sensor type**											
	Humicap R2 composite sensor, allows sensor purge			**1**								
	Humicap R2 sensor, no sensor purge			**2**								
	Catalytic composite sensor, allows sensor purge			**3**								
4	**Filter type**											
	PPS plastic grid & stainless steel netting *spare: DRW010281SP*				**A**							
	Sintered stainless steel filter *spare: HM47280SP*				**B**							
5	**Sensor purge, default purge interval 24h**											
	1) Purge on, composite sensor required (selection 3)					**0**						
	Purge off					**1**						
6	**RS-485 baud rate**											
	1) **19200 bps** use with Indigo transmitters						**A**					
	9600 bps						**B**					
7	**Data, Parity, Stop bits**											
	1) 8, N, 2 use with Indigo transmitters							**0**				
	8, E, 1							**2**				
	8, O, 1							**4**				
8	**Modbus address**											
	1) 240 use with Indigo transmitters								**A**			
	110								**B**			
	120								**C**			
	130								**D**			
9	**Reserved**											
	None									**0**		
10	**Probe mounting accessory**											
	None										**0**	
	Duct installation kit *spare: 210697*										*B*	
	Cable gland with split seal; for sealing the probe from the cable *spare: HMP247CG*										*C*	
	Swagelok for NPT 1/2" thread *spare: SWG12NPT12*										*G*	
	Swagelok for ISO 3/8" thread *spare: SWG12ISO38*										*H*	
	Swagelok for ISO 1/2" thread *spare: SWG12ISO12*										*J*	
	Installed to Indigo500MIK at Vaisala (order INDIGO500MIK separately with pre-installation)										**1**	
11	**Connection cable**											
	None											**0**
	1.5m with open wires *spare: 223263SP*											*1*
	10m, with open wires *spare: 216546SP*											*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	7	E	1	A	0	A	0	A	0	0	0
For use with Modbus RTU	HMPX	7	E	1	A	0	A	0	A	0	0	2