

VAISALA

HMT370EX

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX

For humidity and temperature measurements



HMT370EX Order Form
G010043EN-A
Valid from September 2023

SPARE CODE			1	2	3	4	5	6	7	8	9	10	11	12
hardware	Intrinsically Safe Humidity and Temperature Transmitter HMT370EX		HMT370EX											N
	1 Probe Model	HMT370 Transmitter Unit only	0											
		• HMP371 Probe for Wall Mounting	1											
		• HMP373 Probe for Confined Spaces	3											
		• HMP374 Probe for Pressurized Processes	4											
		• HMP375 Probe for High Temperatures	5											
		• HMP377 Probe for High Humidities	7											
		• HMP378 Probe for Pressurized Pipelines	8											
	2 Ex certification and Region ¹	IECEX Certificate for HMT370EX and HMP370EX (Global)	1											
		ATEX Certificate for HMT370EX and HMP370EX (Europe)	2											
accessory		CML Certificate for HMT370EX (Japan)	4											
		FM Certificate for HMT370EX (USA)	5											
		CSA Certificate for HMT370EX (Canada)	7											
		NEPSI Certificate for HMT370EX and HMP370EX (China)	8											
		KCs Certificate for HMT370EX and HMP370EX (Korea)	9											
		UKEX Certificate for HMT370EX and HMP370EX (UK)	B											
	3 Probe Cable Length and Sensor	Transmitter only, no probe	0											
		• HMP371: Fixed Probe, max 60 °C	A											
		HMP373: Probe Cable 2 m, max +80 °C	B											
		• HMP373: Probe Cable 5 m, max +80 °C	C											
hw		• HMP373: Probe Cable 5 m, max +80 °C	D											
		• HMP373: Probe Cable 2 m, max +120 °C	E											
		• HMP373: Probe Cable 5 m, max +120 °C	F											
		• HMP373: Probe Cable 10 m, max +120 °C	G											
		HMP374: Probe Cable 2 m, max +180 °C	H											
		• HMP374: Probe Cable 5 m, max +180 °C	J											
		• HMP374: Probe Cable 10 m, max +180 °C	K											
		HMP375: Probe Cable 2 m, max +180 °C	L											
		• HMP375: Probe Cable 5 m, max +180 °C	M											
		• HMP375: Probe Cable 10 m, max +180 °C	N											
settings		HMP377: Probe Cable 2 m, max +180 °C	P											
		• HMP377: Probe Cable 5 m, max +180 °C	R											
		• HMP377: Probe Cable 10 m, max +180 °C	S											
		HMP378: Probe Cable 2 m, Probe 262 mm ,max +180 °C	T											
		• HMP378: Probe Cable 5 m, Probe 262 mm ,max +180 °C	U											
		• HMP378: Probe Cable 10 m, Probe 262 mm ,max +180 °C	V											
		• HMP378: Probe Cable 2 m, Probe 448 mm ,max +180 °C	W											
		• HMP378: Probe Cable 5 m, Probe 448 mm ,max +180 °C	Y											
		• HMP378: Probe Cable 10 m, Probe 448 mm ,max +180 °C	Z											
		HMP371: Fixed Probe, max +60 °C T-only	4											
hardware		HMP373: Probe Cable 2 m, max +120 °C T-only	5											
		• HMP373: Probe Cable 5 m, max +120 °C T-only	6											
		• HMP373: Probe Cable 10 m, max +120 °C T-only	7											
	4 Sensor Protection	Transmitter only	0											
		+ Plastic grid & SST net filter, All probes	1											
		Sintered Stainless Steel filter, all probes	2											
		Plastic Grid, Fast Response in Clean Environments, not for HMP378H/8F	4											
		Stainless Steel Filter (AISI 303) with PTFE Membrane, HMP377	5											
	5 Probe Accessories	No Accessories	N											
		• Duct Installation Kit, HMP373/7	210697											
hardware		• Mounting Flange, HMP375	210696											
		• Ball Valve ISO1/2 with Welding Joint, HMP378/8F/8H	BALL VALVE-1											
		• Cable Gland for Probe Mounting, M20 x 1.5 with Split Seal, HMP373/5/7	HMP247CG											
		Fitting Body for Probe Mounting, M22 x 1.5, HMP374	17223SP											
		Fitting Body for Probe Mounting, NPT 1/2, HMP374	17225SP											
		• Swagelok Probe Fitting, NPT 1/2 Thread, 12mm, HMP377	SWG12NPT12											
		• Swagelok Probe Fitting, ISO 3/8 Thread, 12mm, HMP377	SWG12ISO38											
		• Swagelok Probe Fitting, ISO 1/2 Thread (12mm), HMP377	SWG12ISO12											
		Fitting Body for Probe Mounting, ISO 1/2 Solid Structure, HMP378	DRW210276SP											
		Fitting Body for Probe Mounting, NPT 1/2 Solid Structure, HMP378	212810SP											
hardware	6 Transmitter type	Transmitter without Display and Keypad							A					
		• Transmitter with Display and Keypad, must be protected against direct sunlight to maintain EX-protection!							B					
	7 Output Units	Metric Units								1				
		Non-Metric Units								2				
		SI-units only								J				
	8 Analog Ouptuts Channel 1	No Analog Output									N	N		
	9 Analog Ouptuts Channel 2	RH (0...100%)									A	A		
		T (0...+60 °C)									B	B		
		T (-40...+60 °C)									C	C		
		T (-20...+80 °C)									D	D		
hardware		T (-40...+180 °C)									E	E		
		Td/f (-20...+120 °C)									H	H		
		Td/f (-60...+40 °C)									J	L		
		• Special, please specify parameter and scale:								X	X			
	10 Cable Lead-through ²	Plugged Lead-Through	254931SP										0	
		• Cable Gland M20x1.5 for Cable 5...11 mm	265207SP										1	
		• Cable Gland M20x1.5 for Cable 10...14 mm	265208SP										2	
		• Conduit Fitting M20x1.5 M16	265243SP										3	
		• Conduit Fitting M20x1.5 NPT1/2	265240SP										4	
		• Cable Gland M20x1.5 for Cable 5...11 mm, 2 pcs											5	
hardware		• Cable Gland M20x1.5 for Cable 10...14 mm, 2 pcs											6	
		• Conduit Fitting M20x1.5 M16, 2 pcs											7	
		• Conduit Fitting M20x1.5 NPT1/2, 2 pcs											8	
	11 Transmitter Accessories	No Transmitter Accessories												N
		• Mounting Plate HMT360 Mounting Compatible	DRW253246SP										A	
		• Service Cable for Transmitter, USB	219690										B	
		• Zener Barrier for 1 Channel	210664SP										C	
		• Zener Barriers for 2 Channels											D	
		• Repeater Power Supply for 1 Channels, GMI ³	272886SP										H	
		• Repeater Power Supply for 2 Channels, GMI ⁴	272887SP										J	N

1) Please see details in the Ex-Certificate
2) Please choose the item that meets the Ex-requirements in your country. You can use other glands and conduit fittings provided they meet the IP/EX-reqirements. See details in the user documentation
3) Not certified for Japanese market. Please order item code: 269756 instead (order separately)
4) Not certified for Japanese market. Please order item code: 269757 instead (order separately)

LINKS:	User Guides
	Datasheet
	Vaisala.com product page

Accessories and spare parts

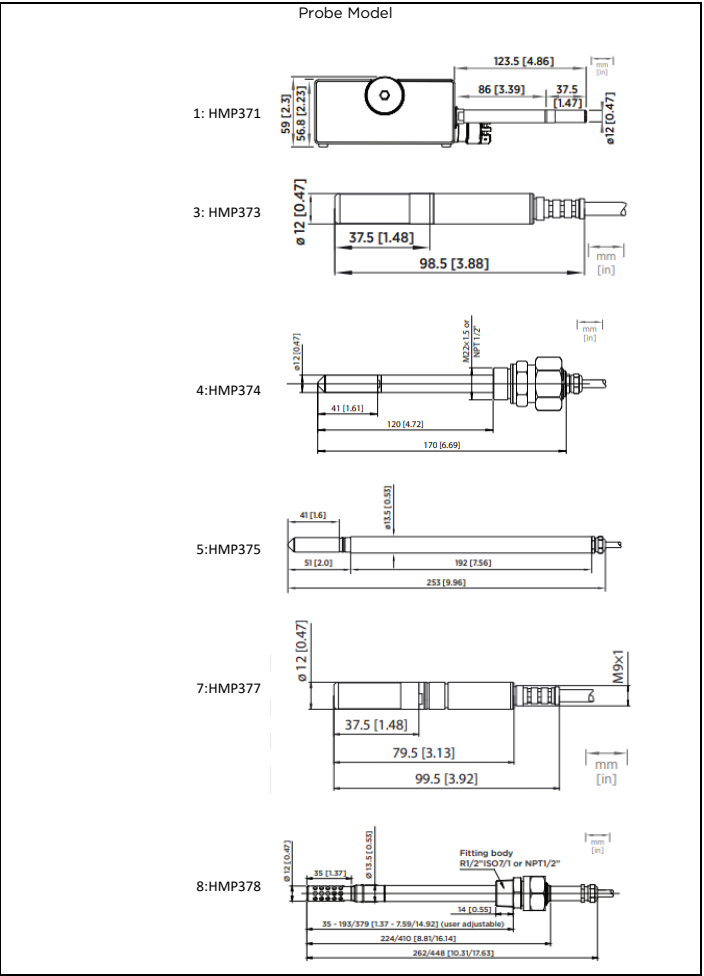
Fitting Body M22x1.5
Fitting Body NPT1/2
Pressure Fitting ISO 1/2 to NPT 1/2
Zener Barrier - Stahl part number 9001/51-280-091-141: 1 barrier per channel
Mounting Flange for 13.5mm Diameter Probe
Duct Installation Kit For 12mm Probe 210697
Calibration Adapter for HMK15
Galvanic Isolator -Stahl part number 9160/13-11-11k
Fitting Body Npt1/2 Solid Structure
Stainless Steel Filter with Membrane
Outdoor Installation kit (Weather shield)
USB Service Cable M8-4F, RS485
Stainless Steel Filter High Flow
Dummy Plug with O-ring, Ex 2 pcs
Cable Gland M20x1.5/12mm, 5.0-11.0mm, MsNi/NBR, IP68
Cable Gland M20x1.5/6mm, 10-14mm, MsNi/PA/NBR, IP68
Conduit Fitting M20x1.5mm, 1/2in, Ms/Ni
Conduit Fitting M20x1.5mm, M16, Ms/Ni
GMI D5014S Repeater PSU 1ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail Japan
GMI D5014D Repeater PSU 2ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail Japan
Repeater Power Supply 1ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail
Repeater Power Supply 2ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail
4PROBESETSP For HMP4 and HMT370EX.
Ball Valve ISO1/2 with Welding Joint
PPS Plastic Grid Filter
Metal Coated PPS Grid Filter with Stainless Steel Mesh, Female Thread
Fitting Body Iso1/2 Solid Structure
Backplate for HMT370EX HMT360 Mounting Compatible
Manual Press
Sintered Stainless Steel Filter, Female Thread
Stainless Steel Filter
Cable Gland M20x1.5 with Split Seal
Repeater Power Supply Isolation barrier/1ch
Repeater Power Supply Isolation barrier/2ch
Swagelok for 12mm Probe 3/8" ISO Thread
Swagelok for 12mm Probe 1/2" NPT Thread
Indigo-compatible USB Adapter

Part number

17223SP
17225SP
210662SP
210664SP
210696
210697
211302SP
212483SP
212810SP
214848SP
215109
219690
220752SP
254931SP
265207SP
265208SP
265240SP
265243SP
269756
269757
272886SP
272887SP
4PROBESETSP
BALLVALVE-1
DRW010276SP
DRW010281SP
DRW212076SP
DRW253246SP
HM36854SP
HM47280SP
HM47453SP
HMP247CG
MTL5541SP
MTL5544SP
SWG12ISO38
SWG12NPT12
USB2

Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9	10	11	12
HMP371 Probe for Wall Mounting, HMT370EX	1	1	A	1	N	B	1	A	C	1	N	N
HMP373 Probe for Confined Spaces, HMT370EX	3	1	E	1	N	B	1	A	C	1	N	N
HMP374 Probe for Pressurized Processes, HMT370EX	4	1	H	2	F	B	1	A	C	1	N	N
HMP375 Probe for High Temperatures, HMT370EX	5	1	L	2	N	B	1	A	C	1	N	N
HMP377 Probe for High Humidities, HMT370EX	7	1	P	1	N	B	1	A	C	1	N	N
HMP378 Probe for Pressurized Pipelines, HMT370EX	8	1	W	3	D	B	1	A	C	1	N	N
HMP371 Probe for wall mounting, T only, HMT370EX	1	1	4	4	N	B	1	D	N	1	N	N
HMP373 Probe for Confined Spaces, T only, HMT370EX	3	1	5	4	N	B	1	D	N	1	N	N





HMT370EX
Intrinsically Safe Humidity and Temperature Transmitter HMT370EX
For measurements in oil and JET A-1 fuel



		SPARE CODE		1	2	3	4	5	6	7	8	9	10	11	12
Intrinsically Safe Humidity and Temperature Transmitter HMT370EX		HMT370EX													
hardware	1 Probe Model	HMT370 Transmitter Unit only		0											
		• HMP378F Probe for Moisture in Oil		F											
		• HMP378H Probe for Moisture in JET A-1 Fuel		H											
	2 Ex certification and Region ¹	IECEX Certificate for HMT370EX and HMP370EX (Global)		1											
		ATEX Certificate for HMT370EX and HMP370EX (Europe)		2											
		CML Certificate for HMT370EX (Japan)		4											
		FM Certificate for HMT370EX (USA)		5											
		CSA Certificate for HMT370EX (Canada)		7											
		NEPSI Certificate for HMT370EX and HMP370EX (China)		8											
		KCs Certificate for HMT370EX and HMP370EX (Korea)		9											
		UKEX Certificate for HMT370EX and HMP370EX (UK)		B											
accessory	3 Probe Cable Length and Sensor	Transmitter only, no probe		0											
		HMP378F/H: Probe Cable 2 m, Probe 215 mm ,max +180 °C		1											
		• HMP378F/H: Probe Cable 5 m, Probe 215 mm ,max +180 °C		2											
		• HMP378F/H: Probe Cable 10 m, Probe 215 mm ,max +180 °C		3											
	4 Sensor Protection	Transmitter only		0											
		Stainless Steel Filter for Oil and Vacuum (AISI 303), HMP374/8	HM47453SP	3											
		Stainless Steel Filter for High Flow Applications		6											
	5 Probe Accessories	No Accessories		N											
		• Ball Valve ISO1/2 with Welding Joint, HMP378/8F/8H	BALLVALVE-1	D											
		Fitting Body for Probe Mounting, ISO 1/2 Solid Structure, HMP378	DRW212076SP	L											
hw		Fitting Body for Probe Mounting, NPT 1/2 Solid Structure, HMP378	212810SP	M											
	6 Transmitter type	Transmitter without Display and Keypad		A											
		• Transmitter with Display and Keypad, must be protected against direct sunlight to maintain EX-protection!		B											
	7 Output Units	Metric Units									1				
		Non-Metric Units									2				
		SI-units only									J				
	8 Analog Oupputs Channel 1	No Analog Output										N	N		
	9 Analog Oupputs Channel 2	T (0...+60 °C)										B	B		
		T (-40...+60 °C)										C	C		
		T (-20...+80 °C)										D	D		
settings		T (-40...+180 °C)										E	E		
		JET A-1 Water Concentration (0...500 ppmw)										L	J		
		Td/t (-60...+40 °C)										J	L		
		Mineral transformer oil Water Concentration (0...500 ppmw)										M	M		
		Liquid Relative Saturation (0...100 %)										P	P		
		Liquid Water Activity (0...1)										R	R		
		Liquid Saturation Temperature (-40...+60 °C)										S	S		
		• Special, please specify parameter and scale:										X	X		
	10 Cable Lead-through ²	Plugged Lead-Through	254931SP	AGRO, EX8720.08*											0
		• Cable Gland M20x1.5 for Cable 5...11 mm	265207SP	AGRO, EX1826.20.110*											1
hardware		• Cable Gland M20x1.5 for Cable 10...14 mm	265208SP	Hummel, HSK-MZ-Ex*											2
		• Conduit Fitting M20x1.5 M16	265243SP	ABB, EXN/M20-M16/R*											3
		• Conduit Fitting M20x1.5 NPT1/2	265240SP	ABB, EXN/M20-050/TC*											4
		• Cable Gland M20x1.5 for Cable 5...11 mm, 2 pcs													5
		• Cable Gland M20x1.5 for Cable 10...14 mm, 2 pcs													6
		• Conduit Fitting M20x1.5 M16, 2 pcs													7
		• Conduit Fitting M20x1.5 NPT1/2, 2 pcs													8
	11 Transmitter Accessories	No Transmitter Accessories													N
		• Mounting Plate HMT360 Mounting Compatible	DRW253246SP												A
		• Service Cable for Transmitter, USB	219690												B
hardware		• Zener Barrier for 1 Channel	210664SP	Stahl, 9001/51-280-091-141											C
		• Zener Barriers for 2 Channels													D
		• Repeater Power Supply for 1 Channels, GMI ³	272886SP	GMI, D5014S											H
		• Repeater Power Supply for 2 Channels, GMI ⁴	272887SP	GMI, D5014D											J
															N

1) Please see details in the Ex-Certificate
2) Please choose the item that meets the Ex-requirements in your country. You can use other glands and conduit fittings provided they meet the IP/EX-requriments. See details in the user documentation
3) Not certified for Japanese market. Please order item code: 269756 instead (order separately)
4) Not certified for Japanese market. Please order item code: 269757 instead (order separately)

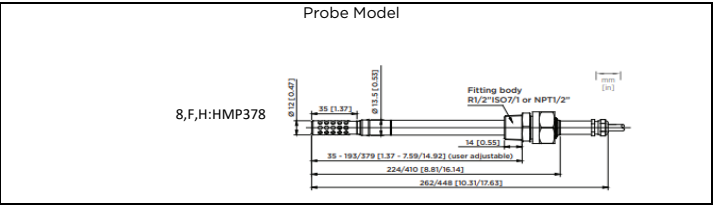
LINKS:	User Guides
	Datasheet
	Vaisala.com product page

Accessories and spare parts

- Fitting Body M22x1.5
- Fitting Body NPT1/2
- Pressure Fitting ISO 1/2 to NPT 1/2
- Zener Barrier - Stahl part number 9001/51-280-091-141: 1 barrier per channel
- Mounting Flange for 13.5mm Diameter Probe
- Duct Installation Kit For 12mm Probe 210697
- Calibration Adapter for HMK15
- Galvanic Isolator -Stahl part number 9160/13-11-11k
- Fitting Body Npt1/2 Solid Structure
- Stainless Steel Filter with Membrane
- Outdoor Installation kit (Weather shield)
- USB Service Cable M8-4F, RS485
- Stainless Steel Filter High Flow
- Dummy Plug with O-ring, Ex 2 pcs
- Cable Gland M20x1.5/12mm, 5.0-11.0mm, MsNi/NBR, IP68
- Cable Gland M20x1.5/6mm, 10-14mm, MsNi/PA/NBR, IP68
- Conduit Fitting M20x1.5mm, 1/2in, Ms/Ni
- Conduit Fitting M20x1.5mm, M16, Ms/Ni
- GMI D5014S Repeater PSU 1ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail Japan
- GMI D5014D Repeater PSU 2ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail Japan
- Repeater Power Supply 1ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail
- Repeater Power Supply 2ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail
- 4PROBESETSP For HMP4 and HMT370EX.
- Ball Valve ISO1/2 with Welding Joint
- PPS Plastic Grid Filter
- Metal Coated PPS Grid Filter with Stainless Steel Mesh, Female Thread
- Fitting Body Iso1/2 Solid Structure
- Backplate for HMT370EX HMT360 Mounting Compatible
- Manual Press
- Sintered Stainless Steel Filter, Female Thread
- Stainless Steel Filter
- Cable Gland M20x1.5 with Split Seal
- Repeater Power Supply Isolation barrier/1ch
- Repeater Power Supply Isolation barrier/2ch
- Swagelok for 12mm Probe 3/8" ISO Thread
- Swagelok for 12mm Probe 1/2" NPT Thread
- Indigo-compatible USB Adapter

Part number

- 17223SP
- 17225SP
- 210662SP
- 210664SP
- 210696
- 210697
- 211302SP
- 212483SP
- 212810SP
- 214848SP
- 215109
- 219690
- 220752SP
- 254931SP
- 265207SP
- 265208SP
- 265240SP
- 265243SP
- 269756
- 269757
- 272886SP
- 272887SP
- 4PROBESETSP
- BALLVALVE-1
- DRW010276SP
- DRW010281SP
- DRW212076SP
- DRW253246SP
- HM36854SP
- HM47280SP
- HM47453SP
- HMP247CG
- MTL5541SP
- MTL5544SP
- SWG12ISO38
- SWG12NPT12
- USB2



Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9	10	11	12
HMP378F Probe for Moisture in Oil, HMT370EX	F	1	1	3	L	B	1	P	S	7	N	N
HMP378H Probe for Moisture in JET A-1 Fuel, HMT370EX	H	1	1	3	L	B	1	P	S	7	N	N

HMP370EX

Intrinsically Safe Humidity and Temperature Probe



		SPARE CODE		HMP370EX		1	2	3	4	5	6	
Intrinsically Safe Humidity and Temperature Probe											N	
1 Probe Model	•	HMP371 Probe for Wall Mounting				1						
	•	HMP373 Probe for Confined Spaces				3						
	•	HMP374 Probe for Pressurized Processes				4						
	•	HMP375 Probe for High Temperatures				5						
	•	HMP377 Probe for High Humidities				7						
	•	HMP378 Probe for Pressurized Pipelines				8						
	•	HMP378F Probe for Moisture in Oil				F						
	•	HMP378H Probe for Moisture in JET A-1 Fuel				H						
	2 Ex certification and Region	IECEx Certificate for HMT370EX and HMP370EX (Global)					1					
		ATEX Certificate for HMT370EX and HMP370EX (Europe)					2					
CML Certificate for HMP370EX					4							
FM Certifcate for HMP370EX					5							
CSA Certificate for HMP370EX					7							
NEPSI Certificate for HMT370EX and HMP370EX (China)					8							
KCs Certificate for HMT370EX and HMP370EX (Korea)					9							
UKEX Certificate for HMT370EX and HMP370EX (UK)					B							
3 Probe Cable Length and Sensor	•	HMP371: Fixed Probe, max 60 °C				A						
	HMP373: Probe Cable 2 m, max +80 °C					B						
	•	HMP373: Probe Cable 5 m, max +80 °C				C						
	•	HMP373: Probe Cable 5 m, max +80 °C				D						
	•	HMP373: Probe Cable 2 m, max +120 °C				E						
	•	HMP373: Probe Cable 5 m, max +120 °C				F						
	•	HMP373: Probe Cable 10 m, max +120 °C				G						
	HMP374: Probe Cable 2 m, max +180 °C					H						
	•	HMP374: Probe Cable 5 m, max +180 °C				J						
	•	HMP374: Probe Cable 10 m, max +180 °C				K						
	HMP375: Probe Cable 2 m, max +180 °C					L						
	•	HMP375: Probe Cable 5 m, max +180 °C				M						
	•	HMP375: Probe Cable 10 m, max +180 °C				N						
	HMP377: Probe Cable 2 m, max +180 °C					P						
	•	HMP377: Probe Cable 5 m, max +180 °C				R						
	•	HMP377: Probe Cable 10 m, max +180 °C				S						
	HMP378: Probe Cable 2 m, Probe 262 mm ,max +180 °C					T						
	•	HMP378: Probe Cable 5 m, Probe 262 mm ,max +180 °C				U						
	•	HMP378: Probe Cable 10 m, Probe 262 mm ,max +180 °C				V						
	•	HMP378: Probe Cable 2 m, Probe 448 mm ,max +180 °C				W						
	•	HMP378: Probe Cable 5 m, Probe 448 mm ,max +180 °C				Y						
	•	HMP378: Probe Cable 10 m, Probe 448 mm ,max +180 °C				Z						
	HMP378F/H: Probe Cable 2 m, Probe 215 mm ,max +180 °C					1						
	•	HMP378F/H: Probe Cable 5 m, Probe 215 mm ,max +180 °C				2						
	•	HMP378F/H: Probe Cable 10 m, Probe 215 mm ,max +180 °C				3						
	HMP371: Fixed Probe, max +60 °C T-only					4						
	HMP373: Probe Cable 2 m, max +120 °C T-only					5						
	•	HMP373: Probe Cable 5 m, max +120 °C T-only				6						
	•	HMP373: Probe Cable 10 m, max +120 °C T-only				7						
	4 Sensor protection	+	Plastic grid & SST net filter, All probes	DRW010281SP			1					
			Sintered Stainless Steel filter, all probes	HM4728OSP			2					
			Stainless Steel Filter for Oil and Vacuum (AISI 303), HMP374/8	HM47453SP			3					
		Plastic Grid, Fast Response In Clean Environments, Not for HMP378H/F	DRW010276SP			4						
		Stainless Steel Filter (AISI 303) with PTFE Membrane, HMP377	214848SP			5						
		Stainless Steel Filter for High Flow Applications				6						
5 Probe Accessories	No Accessories										N	
	•	Duct Installation Kit, HMP373/7	210697								B	
	•	Mounting Flange, HMP375	210696								C	
	•	Ball Valve ISO1/2 with Welding Joint, HMP378/8F/8H	BALL VALVE-1								D	
	•	Cable Gland for Probe Mounting, M20 x 1.5 with Split Seal, HMP373/5/7	HMP247CG								E	
	Fitting Body for Probe Mounting, M22 x 1.5, HMP374		17223SP								F	
	Fitting Body for Probe Mounting, NPT 1/2, HMP374		17225SP								G	
	•	Swagelok Probe Fitting, NPT 1/2 Thread, 12mm, HMP377	SWG12NPT12								H	
	•	Swagelok Probe Fitting, ISO 3/8 Thread, 12mm, HMP377	SWG12ISO38								J	
	•	Swagelok Probe Fitting, ISO 1/2 Thread (12mm), HMP377	SWG12ISO12								K	
	Fitting Body for Probe Mounting, ISO 1/2 Solid Structure, HMP378		DRW210276SP								L	
	Fitting Body for Probe Mounting, NPT 1/2 Solid Structure, HMP378		21281OSP								M	
	Service cable for Probe USB2										S	

NOTE:	Selections in bold are included in the prices of the basic versions. <i>Selections in italic are available at an extra price.</i> ✦ Suggested/default selection
LINKS:	User Guides Datasheet

Example of order code with typical settings:

	1	2	3	4	5	6
HMP370EX	I	I	A	I	N	N