



Intrinsically Safe Humidity and Temperature Transmitter HMT370EX			Sparepart											
			HMT370EX											
Probes	1 Probe Model	HMT370 Transmitter Unit only	O											
		DMP371 Drycap Probe for Wall Mounting	A											
		DMP374 Drycap Probe for Pressurized Processes	C											
		DMP375 Drycap Probe for High Temperatures	D											
		DMP377 Drycap Probe for Installations in Tight Spaces	E											
		DMP378 Drycap Probe for Pressurized Pipelines	G											
		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 and Canada)	5													
NEPSI Certificate for HMT370EX and HMP370EX (China)	8													
KCs Certificate for HMT370EX and HMP370EX (Korea)	9													
3 Probe Cable Length	Transmitter only, no probe		O											
	DMP371: Fixed Probe	A												
	DMP374: Probe Cable 2 m	H												
	DMP374: Probe Cable 5 m	J												
	DMP374: Probe Cable 10 m	K												
	DMP376: Probe Cable 2 m	L												
	DMP376: Probe Cable 5 m	M												
	DMP376: Probe Cable 10 m	N												
	DMP377: Probe Cable 2 m	P												
	DMP377: Probe Cable 5 m	R												
	DMP377: Probe Cable 10 m	S												
	DMP378: Probe Cable 2 m, Probe 262 mm	T												
	DMP378: Probe Cable 5 m, Probe 262 mm	U												
	DMP378: Probe Cable 10 m, Probe 262 mm	V												
	DMP378: Probe Cable 2 m, Probe 448 mm	W												
	DMP378: Probe Cable 5 m, Probe 448 mm	Y												
	DMP378: Probe Cable 10 m, Probe 448 mm	Z												
4 Sensor Protection	Transmitter only	0												
	Sintered Stainless Steel filter, all probes	2												
5 Probe Accessories	Stainless Steel Filter for Vacuum (AISI 303), DMP374/DMP378	3												
	No Accessories	N												
	Fitting Body for Probe Mounting, M22 x 1.5, DMP374	F												
	Fitting Body for Probe Mounting, NPT 1/2", DMP374	G												
	Mounting Flange, DMP375	C												
	Cable Gland for Probe Mounting, M20 x 1.5 with Split Seal, DMP375/DMP377	E												
	Duct Installation Kit, DMP377	B												
	Swagelok Probe Fitting, NPT 1/2" Thread, 12mm, DMP377	H												
	Swagelok Probe Fitting, ISO R 3/8" Thread, 12mm, DMP377	J												
	Swagelok Probe Fitting, ISO G 1/2" Thread (12mm), DMP377	K												
	Fitting Body for Probe Mounting, ISO R 1/2" Solid Structure, DMP378	L												
	Fitting Body for Probe Mounting, NPT 1/2" Solid Structure, DMP378	M												
	Ball Valve ISO 1/2" with Welding Joint, DMP378	D												
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												
8 Analog Outputs Channel 1	Metric (SI) -units only, for Japanese market	J												
	No Analog Output	N												
	Td/f (-60...+20 °C) ²⁾	1												
	Td/f (-80...+20 °C) ²⁾	2												
	T (0...+60 °C)	B												
	T (-40...+60 °C)	C												
	T (-20...+80 °C)	D												
	T (-40...+180 °C)	E												
	Td/f (-20...+120 °C) ²⁾	H												
	Td/f (-60...+40 °C) ²⁾	J												
	9 Analog Outputs Channel 2	Special, please specify parameter ³⁾ and scale: _____	X											
10 Cable Lead-through ⁴⁾		Plugged Lead-Through	0											
		Cable Gland M20x1.5 for Cable 5...11 mm	F											
		Cable Gland M20x1.5 for Cable 10...14 mm	2											
		Conduit Fitting M20x1.5 M16	3											
		Conduit Fitting M20x1.5 NPT 1/2"	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 NPT 1/2", 2 pcs	8											
		11 Transmitter Accessories	No Transmitter Accessories	N										
Mounting Plate HMT360 Mounting Compatible	A													
Service Cable for Transmitter, USB	B													
Zener Barrier for 1 Channel	C													
Zener Barriers for 2 Channels	D													
Galvanic Isolator for 1 Channel	E													
Repeater Power Supply for 1 Channels, GM ⁵⁾	H													
Repeater Power Supply for 2 Channels, GM ⁵⁾	J													
12 Special features	None	N												
	Custom pressure setting, 0.1...40 bar (max), please specify: _____	X												

1) Please see details in the Ex-Certificate

2) Td/f refers to dew / frost point. A frost point calculation is used for dew point conditions under 0°C.

3) Additional supported parameters include atmospheric dew / frost point, absolute humidity, and water mass fraction. See User Guide for full list of available measurement parameters.

4) 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-requirements. See details in the user documentation.

5) Not certified for Japanese market. Please order item code: 269756 instead (order separately).

6) Not certified for Japanese market. Please order item code: 269757 instead (order separately).

Note:	Selections in bold are included in the prices of the basic versions.
	• Selections in <i>italic</i> are available at an extra price. ★ Suggested/default selection
Links:	Datasheet Vaisala.com product page

Example of order code with typical settings:											
1	2	3	4	5	6	7	8	9	10	11	12
0	1	0	0	N	2	1	2	B	N	N	N
A	T	A	2	N	2	1	1	B	N	N	N
C	T	H	3	G	2	1	2	B	N	N	J
D	T	L	2	C	2	1	H	E	N	N	N
E	T	P	2	X	2	1	2	B	N	N	X
G	1	H	2	M	2	1	2	B	N	N	X

See last page for probe model dimensions, spare parts, and accessories.

VAISALA

DMP370
Intrinsically Safe Dew Point Probe
for use with HMT370EX transmitters



DMP370 Order Form
G010176EN-A
Valid from September 2026
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Sparepart			123456					
Intrinsically Safe Low Dew Point Probe			DMP370					
hardware	1 Probe Model	- DMP371 Drycap Probe for Wall Mounting - DMP374 Drycap Probe for Pressurized Processes - DMP375 Drycap Probe for High Temperatures - DMP377 Drycap Probe for Installations in Tight Spaces - DMP378 Drycap Probe for Pressurized Pipelines		A				
				C				
				D				
				E				
				G				
	2 Ex certification and Region ¹	IECEX Certificate for HMP370EX (Global)			1			
		ATEX Certificate for HMP370EX (Europe)			2			
		CML Certificate for HMP370EX (Japan)			4			
		FM Certificate for HMP370EX (USA and Canada)			5			
		NEPSI Certificate for HMP370EX (China)			8			
		KCs Certificate for HMP370EX (Korea)			9			
	3 Probe Cable Length	DMP371: Fixed Probe		A				
		DMP374: Probe Cable 2 m		H				
		- DMP374: Probe Cable 5 m - DMP374: Probe Cable 10 m		J				
				K				
		DMP375: Probe Cable 2 m		L				
		- DMP375: Probe Cable 5 m - DMP375: Probe Cable 10 m		M				
				N				
		DMP377: Probe Cable 2 m		P				
		- DMP377: Probe Cable 5 m - DMP377: Probe Cable 10 m		R				
				S				
		DMP378: Probe Cable 2 m, Probe 262 mm		T				
		- DMP378: Probe Cable 5 m, Probe 262 mm - DMP378: Probe Cable 10 m, Probe 262 mm - DMP378: Probe Cable 2 m, Probe 448 mm - DMP378: Probe Cable 5 m, Probe 448 mm - DMP378: Probe Cable 10 m, Probe 448 mm		U				
				V				
				W				
				Y				
				Z				
accessory	4 Sensor protection	- Sintered Stainless Steel filter, all probes - Stainless Steel Filter for Vacuum (AISI 303), DMP374/DMP378	HM47280SP HM47453SP		2			
					3			
	5 Probe Accessories	No Accessories				N		
		Fitting Body for Probe Mounting, M22 x 1.5, DMP374	17223SP			F		
		Fitting Body for Probe Mounting, NPT 1/2", DMP374	17225SP			G		
		- Mounting Flange, DMP375 - Cable Gland for Probe Mounting, M20 x 1.5 with Split Seal, DMP375/DMP377 - Duct Installation Kit, DMP377 - Swagelok Probe Fitting, NPT 1/2" Thread, 12mm, DMP377 - Swagelok Probe Fitting, ISO R 3/8" Thread, 12mm, DMP377 - Swagelok Probe Fitting, ISO G 1/2" Thread (12mm), DMP377	210696 HMP247CG 210697 SWG12NPT12 SWG12ISO38 SWG12ISO12		C			
					E			
					B			
					H			
					J			
					K			
		Fitting Body for Probe Mounting, ISO R 1/2" Solid Structure, DMP378	DRW212076SP			L		
		Fitting Body for Probe Mounting, NPT 1/2" Solid Structure, DMP378	212810SP			M		
		- Ball Valve ISO 1/2" with Welding Joint, DMP378 - Service cable for Probe USB2	BALLVALVE-1 USB2			D		
						S		
	6 Special features	None					N	
		Custom pressure setting, 0.1..40 bar(abs), please specify:						X

1) Please see details in the Ex-Certificate

Selections in bold are included in the prices of the basic versions.	
Note:	- Selections in <i>italic</i> are available at an extra price. + Suggested/default selection
Links:	Datasheet Vaisala.com product page

Example of order code with typical settings:

123456									
DMP371 Probe for Wall Mounting, DMP370	A	1	A	2	N	N			
DMP374 Probe for Pressurized Processes, DMP370	C	1	H	3	G	X			
DMP375 Probe for High Temperatures, DMP370	D	1	L	2	C	N			
DMP377 Probe for Installations in Tight Spaces, DMP370	E	1	P	2	K	X			
DMP378 Probe for Pressurized Pipelines, DMP370	G	1	T	2	D	X			

See last page for probe model dimensions, spare parts, and accessories.

Accessories and spare parts

Service Accessories

USB Service Cable M8-4F, RS485 (HMT370EX transmitter service cable)
Indigo-compatible USB Adapter (DMP370 probe service cable)

HMT370EX Transmitter Accessories and Spare Parts

Dummy Plug with O-ring, Ex 2 pcs
Cable Gland M20x1.5/12mm, 5.0-11.0mm, M8/Ni/NBR, IP68
Cable Gland M20x1.5/6mm, 10-14mm, M8/Ni/PA/NBR, IP68
Conduit Fitting M20x1.5mm, 1/2", M8/Ni
Conduit Fitting M20x1.5mm, M16, M8/Ni
Zener Barrier - Stahl part number 9001/51-280-091-141: 1 barrier per channel
Galvanic Isolator - Stahl part number 9162/13-11-11k
GMI D5014S Repeater PSU 1ch, SIL3, HART, 18...30VDC, 2.5kV, DIN-Rail Japan
GMI D5014D Repeater PSU 1ch, 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
Outdoor installation kit [Weather shield and pole mounting kit]
Backplate for HMT370EX, HMT360 Mounting Compatible

DMP370 Probe Installation Accessories

Fitting Body M22x1.5 (DMP374)
Fitting Body NPT 1/2" (DMP374)
Fitting bodies M22x1.5 and NPT 1/2" (DMP374)
Mounting Flange for 13.5mm Diameter Probe (DMP375)
Cable Gland M20x1.5 with Split Seal (DMP375/77)
Duct Installation Kit For 12mm Probe 210697 (DMP377)
Swagelok for 12mm Probe ISO R 3/8" Thread (DMP377)
Swagelok for 12mm Probe ISO G 1/2" Thread (DMP377)
Swagelok for 12mm Probe NPT 1/2" Thread (DMP377)
Fitting Body ISO R 1/2" Solid Structure (DMP378)
Fitting Body NPT 1/2" Solid Structure (DMP378)
Ball Valve ISO 1/2" with Welding Joint (DMP378)
Manual Press (DMP378)
Pressure Fitting ISO 1/2" to NPT 1/2"

DMP370 Probe Filters

Sintered Stainless Steel Filter
Stainless Steel Filter for Vacuum (DMP374/7/8)

Part number

219690
USB2

254931SP
26520 TSP
265203SSP
265240SP
265243SP
210664SP
210453SP
269756
269757
272886SP
272887SP
215109
DRW253246SP

17223SP
17225SP
4PROBESSETSP
210696
HMP247CG
210697
SWG12ISO38
SWG12ISO12
SWG12NPT12
DRW212076SP
212810SP
BALLVALVE-1
HM2654SP
210662SP

HM47280SP
HM47453SP

Probe model dimensions

