



Public Order Form for Global Use  
Valid from: February 2021

Purchaser \_\_\_\_\_

Order no. \_\_\_\_\_

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP371 Probe

- 1. Probe Model
- 2. Ex Certificate
- 3. Probe Type
- 4. Filter
- 5. Probe Acc.
- 6. Transmitter Type
- 7. Output Units
- 8. CH1 Output
- 9. CH2 Output
- 10. Cable Lead-through
- 11. Transmitter Acc.
- 12. Not in use

HMT370EX Transmitter + HMP371 Probe for Wall Mounting						HMT370EX	1	A	N	N	N	N	N	N	N	N	N	N	Price		
1	Probe Model	HMP371	Probe for Wall Mounting				1														
2	Ex Certification and Region	IECEX ATEX	Global Europe				1 2														
3	Probe Cable Length and Sensor	Probe Model HMP371	Cable No Cable	Specification Fixed Probe, max +60°C	Sensor HUMICAP® R2			A													
4	Sensor Protection	Type Metalized PPS Plastic Filter Grid with Stainless Steel Mesh for general use Stainless Steel Sintered Filter (AISI 316L) for general use Metalized PPS Plastic Filter Grid for fast response in clean environments	Pore size 15 µm 38 µm 6.5 mm gaps	Spare part code DRW10281SP HM47280SP DRW10276SP			1 2 4														
5	Probe Accessories	No Accessories																		N	
6	Transmitter Type	No Display <i>Display</i>	Transmitter without Display and Keypad <i>Transmitter with Display and Keypad</i>																		
7	Output Units	Metric Non-Metric	Metric units Non-metric units										1 2	Channel 1 Channel 2							
8-9	Analog Outputs	Parameter No Analog Output	Scale, Metric (Non-Metric)		Output signal									N	N						
	Humidity, temperature, dew point	Humidity Temperature Temperature Temperature	RH (%) T (°C   °F) T (°C   °F) T (°C   °F)	0...100 % 0...+60 °C (+32...+140 °F) -40...+60 °C (-40...+140 °F) -20...+80 °C (-4...+176 °F)	4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state)									A	A	B	B	C	C	D	D
	Custom scaling	CH1 Parameter & Scale	:	CH2 Parameter & Scale	:									X	X						
	Available parameters	Relative humidity Temperature Dewpoint temperature Dew/frostpoint temperature Dew/frostpoint at 1 atm Dewpoint at 1 atm Absolute humidity Mixing ratio	RH (%) T (°C   °F) Td (°C   °F) Tdf (°C   °F) Tdaf (°C   °F) Tda (°C   °F) a (g/m3   gr/ft3) x (g/kg   gr/lb)	Wet bulb temperature Water concentration Water vapor pressure Enthalpy Water vapor saturation pressure Dewpoint temperature difference Absolute humidity at NTP Water mass fraction	Tw (°C   °F) H2O (ppmv) pw (hPa   psi) h (kJ/kg   Btu/lb) pws (hPa   psi) DT (°C   °F) aNTP (g/m3   gr/ft3) H2Ow (ppmw)																
10	Cable Lead-through	Type No Cable Glands Cable gland M20x1.5 Cable gland M20x1.5 Conduit fitting M16 Conduit fitting NPT1/2" Cable glands M20x1.5 Cable glands M20x1.5 Conduit fittings M16 Conduit fittings NPT1/2"	Cable diameter 5...11 mm 10...14 mm 5...11 mm 10...14 mm	Quantity 1 pc 1 pc 1 pc 1 pc 2 pcs 2 pcs 2 pcs 2 pcs	Spare part code 265207SP 265208SP 265243SP 265240SP	Manufacturer, Type AGRO, EX1826.20.110 Hummel, HSK-MZ-Ex ABB, EXN/M20-M16/R ABB, EXN/M20-050/TC														0 1 2 3 4 5 6 7 8	
11	Transmitter Accessories	Type No Transmitter Accessories HMT360 retrofit mounting plate USB Service Cable Zener Barrier Zener Barriers Galvanic Isolator Galvanic Isolator Galvanic Isolator	HMT360 Mounting Compatible for Transmitter for 1 Channel for 2 Channels (2 pcs) for 1 Channel for 1 Channel for 2 Channels (1 pc Double Channel)	Spare part code DRW253246SP 219690 210664SP 212483SP MTL5541SP MTL5544SP	Manufacturer/Type Stahl, 9001/51-280-091-141 Stahl, 9160/13-11-11k Eaton, MTL5541/S Eaton, MTL5544									N A B C D E F G							
12	Reserved	None																		N	

**Additional information**  
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:  
**HMT370EX** 1 1 A 1 N B 1 A C 1 N N



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### Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP373 Probe

HMT370EX Transmitter + HMP373 Probe for Confined Spaces		HMT370EX				1. Probe Model	2. Ex. Certificate	3. Probe Type	4. Filter	5. Probe Acc.	6. Transmitter Type	7. Output Units	8. CH1 Output	9. CH2 Output	10. Cable Lead-through	11. Transmitter Acc.	12. Not in use	N	Price
1	Probe Model	HMP373	Probe for Confined Spaces			3													
2	Ex Certification and Region	IECEX ATEX	Global Europe				1												
3	Probe Cable Length and Sensor	HMP373																	
	Humidity	HMP373	Cable	Specification	Sensor			B											
			2m	max +80°C	HUMICAP® R2			C											
			5 m	max +80°C	HUMICAP® R2			D											
			10 m	max +80°C	HUMICAP® R2			E											
			2m	max +120°C	HUMICAP® R2			F											
			5 m	max +120°C	HUMICAP® R2			G											
			10 m	max +120°C	HUMICAP® R2														
4	Sensor Protection	Type		Pore size	Spare part code														
		Metallized PPS Plastic Filter Grid with Stainless Steel Mesh for general use		15 µm	DRW010281SP		1												
		Stainless Steel Sintered Filter (AISI 316L) for general use		38 µm	HM47280SP		2												
		Metallized PPS Plastic Filter Grid for fast response in clean environments		6.5 mm gaps	DRW010276SP		4												
5	Probe Accessories	Type	Specification	Probe compatibility	Spare part code														
		No Accessories		HMP373/377	210697		N												
		Duct Installation Kit		HMP373/HMP375/HMP377	HMP247CG		B												
		Cable Gland for Probe Mounting	M20 x 1.5 with Split Seal				E												
6	Transmitter Type	No Display	Transmitter without Display and Keypad																
		Display	Transmitter with Display and Keypad				A												
7	Output Units	Metric	Metric units																
		Non-Metric	Non-metric units																
8-9	Analog Outputs	Parameter	Scale, Metric (Non-Metric)	Output signal															
		No Analog Output																	
	Humidity, temperature, dew point	Humidity	RH (%)	0...100 %	4... 20 mA (3.6 mA when in error state)		N												
		Temperature	T (°C   °F)	0...+60 °C (+32...+140 °F)	4... 20 mA (3.6 mA when in error state)		A												
		Temperature	T (°C   °F)	-40...+60 °C (-40...+140 °F)	4... 20 mA (3.6 mA when in error state)		B												
		Temperature	T (°C   °F)	-20...+80 °C (-4...+176 °F)	4... 20 mA (3.6 mA when in error state)		C												
		Temperature	T (°C   °F)	-40...+180 °C (-40...356 °F)	4... 20 mA (3.6 mA when in error state)		D												
		Dewpoint Temperature	Td (°C   °F)	-20...+120 °C (-4...+248 °F)	4... 20 mA (3.6 mA when in error state)		E												
	Custom scaling	CH1 Parameter & Scale		CH2 Parameter & Scale			H												
	Available parameters	Relative humidity	RH (%)	Wet bulb temperature	Tw (°C   °F)		X												
		Temperature	T (°C   °F)	Water concentration	H2O (ppmv)														
		Dewpoint temperature	Td (°C   °F)	Water vapor pressure	pw (hPa   psi)														
		Dew/frostpoint temperature	Tdf (°C   °F)	Enthalpy	h ( kJ/kg   Btu/lb)														
		Dew/frostpoint at 1 atm	Tdfa (°C   °F)	Water vapor saturation pressure	pws (hPa   psi)														
		Dewpoint at 1 atm	Tda (°C   °F)	Dewpoint temperature differenc.	DT (°C   °F)														
		Absolute humidity	a (g/m3   gr/ft3)	Absolute humidity at NTP	aNTP (g/m3   gr/ft3)														
		Mixing ratio	x (g/kg   gr/lb)	Water mass fraction	H2Ow (ppmw)														
10	Cable Lead-through	Type	Cable diameter	Quantity	Spare part code	Manufacturer, Type													
		No Cable Glands					0												
		Cable gland M20x1.5	5...11 mm	1 pc	265207SP	AGRO, EX1826.20.110	1												
		Cable gland M20x1.5	10...14 mm	1 pc	265208SP	Hummel, HSK-MZ-Ex	2												
		Conduit fitting M16		1 pc	265243SP	ABB, EXIN/M20-M16/R	3												
		Conduit fitting NPT1/2"		1 pc	265240SP	ABB, EXIN/M20-050/TC	4												
		Cable glands M20x1.5	5...11 mm	2 pcs			5												
		Cable glands M20x1.5	10...14 mm	2 pcs			6												
		Conduit fittings M16		2 pcs			7												
		Conduit fittings NPT1/2"		2 pcs			8												
11	Transmitter Accessories	Type			Spare part code	Manufacturer/Type													
		No Transmitter Accessories			DRW253246SP		N												
		HMT360 retrofit mounting plate	HMT360 Mounting Compatible	for Transmitter	219690		A												
		USB Service Cable		for 1 Channel	210664SP	Stahl, 9001/51-280-091-141	B												
		Zener Barrier		for 2 Channels (2 pcs)			C												
		Zener Barriers		for 1 Channel			D												
		Galvanic Isolator		for 1 Channel	212483SP	Stahl, 9160/13-11-11k	E												
		Galvanic Isolator		for 1 Channel	MTL5541SP	Eaton, MTL5541/S	F												
		Galvanic Isolator		for 2 Channels (1 pc Double Channel)	MTL5544SP	Eaton, MTL5544	G												
12	Reserved	None																	

Additional information  
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Example of order code with typical settings:

HMT370EX|3|1|E|1|N|B|1|A|C|1|N|N



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### Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP374 Probe

HMT370EX Transmitter + HMP374 Probe for Pressurized Processes					HMT370EX		1. Probe Model	2. Ex. Certificate	3. Probe Type	4. Filter	5. Probe Acc.	6. Transmitter Type	7. Output Units	8. CH1 Output	9. CH2 Output	10. Cable Lead-through	11. Transmitter Acc.	12. Not in use	N	Price
1	Probe Model	HMP374	Probe for Pressurized Processes			4														
2	Ex Certification and Region	IECEX ATEX	Global Europe				1	2												
3	Probe Cable Length and Sensor	Probe Model HMP374	Cable 2m 5 m 10 m	Specification max +180°C max +180°C max +180°C	Sensor HUMICAP® R2 HUMICAP® R2 HUMICAP® R2		H	J	K											
4	Sensor Protection	Type Metalized PPS Plastic Filter Grid with Stainless Steel Mesh for general use Stainless Steel Sintered Filter (AISI 316L) for general use Stainless Steel Filter for vacuum environments (AISI 303) Metalized PPS Plastic Filter Grid for fast response in clean environments	Pore size 15 µm 38 µm 3.15 mm holes 6.5 mm gaps	Spare part code DRW010281SP HM47280SP HM47453SP DRW010276SP			1	2	3	4										
5	Probe Accessories	Type Fitting Body for Probe Mounting Fitting Body for Probe Mounting	Specification M22 x 1.5 NPT 1/2	Probe compatibility HMP374 HMP374	Spare part code 17223SP 17225SP					F	G									
6	Transmitter Type	No Display Display	Transmitter without Display and Keypad Transmitter with Display and Keypad				A	B												
7	Output Units	Metric Non-Metric	Metric units Non-metric units				1	2				Channel 1 Channel 2								
8-9	Analog Outputs	Parameter No Analog Output	Scale, Metric (Non-Metric)	Output signal																
	Humidity, temperature, dew point	Humidity Temperature Temperature Temperature Temperature Dewpoint Temperature	RH (%) T (°C   °F) T (°C   °F) T (°C   °F) T (°C   °F) Td (°C   °F)	0...100 % 0...+60 °C (+32...+140 °F) -40...+60 °C (-40...+140 °F) -20...+80 °C (-4...+176 °F) -40...+180 °C (-40...356 °F) -20...+120 °C (-4...+248 °F)	4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state)								N	N						
	Custom scaling	CH1 Parameter & Scale	:	CH2 Parameter & Scale	:									X	X					
	Available parameters	Relative humidity Temperature Dewpoint temperature Dew/frostpoint temperature Dew/frostpoint at 1 atm Dewpoint at 1 atm Absolute humidity Mixing ratio	RH (%) T (°C   °F) Td (°C   °F) Tdfa (°C   °F) Tda (°C   °F) a (g/m3   gr/ft3) x (g/kg   qr/ft3)	Wet bulb temperature Water concentration Water vapor pressure Enthalpy Water vapor saturation pressure Dewpoint temperature difference Absolute humidity at NTP Water mass fraction	Tw (°C   °F) H2O (ppmv) pw (hPa   psi) h (kJ/kg   Btu/lb) pws (hPa   psi) DT (°C   °F) aNTP (g/m3   qr/ft3) H2Ow (ppmw)															
10	Cable Lead-through	Type No Cable Glands Cable gland M20x1.5 Cable gland M20x1.5 Conduit fitting M16 Conduit fitting NPT1/2" Cable glands M20x1.5 Cable glands M20x1.5 Conduit fittings M16 Conduit fittings NPT1/2"	Cable diameter 5...11 mm 10...14 mm 5...11 mm 10...14 mm	Quantity 1 pc 1 pc 1 pc 1 pc 2 pcs 2 pcs 2 pcs 2 pcs	Spare part code 265207SP 265208SP 265243SP 265240SP	Manufacturer, Type AGRO, EX1826.20.110 Hummel, HSK-MZ-Ex ABB, EXN/M20-M16/R ABB, EXN/M20-050/TC														
11	Transmitter Accessories	Type No Transmitter Accessories HMT360 retrofit mounting plate USB Service Cable Zener Barrier Zener Barriers Galvanic Isolator Galvanic Isolator Galvanic Isolator	HMT360 Mounting Compatible for Transmitter for 1 Channel for 2 Channels (2 pcs) for 1 Channel for 1 Channel for 2 Channels (1 pc Double Channel)	Spare part code DRW253246SP 219690 210664SP 212483SP MTL5541SP MTL5544SP	Manufacturer/Type Stahl, 9001/51-280-091-141 Stahl, 9160/13-11-11k Eaton, MTL5541/S Eaton, MTL5544															
12	Reserved	None																		

**Additional information**  
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Example of order code with typical settings:

**HMT370EX** | **4** | **1** | **H** | **2** | **F** | **B** | **1** | **A** | **C** | **1** | **N** | **N**



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### Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP375 Probe

HMT370EX Transmitter + HMP375 Probe for High Temperatures					HMT370EX					N		Price
1	Probe Model	HMP375	Probe for High Temperatures		5							
2	Ex Certification and Region	IECEX ATEX	Global Europe		1 2							
3	Probe Cable Length and Sensor	Probe Model HMP375	Cable	Specification	Sensor							
	Humidity		2m 5 m 10 m	max +180°C max +180°C max +180°C	HUMICAP® R2 HUMICAP® R2 HUMICAP® R2	L M N						
4	Sensor Protection	Type	Pore size	Spare part code								
		Metallized PPS Plastic Filter Grid with Stainless Steel Mesh for general use Stainless Steel Sintered Filter (AISI 316L) for general use Metallized PPS Plastic Filter Grid for fast response in clean environments	15 µm 38 µm 6.5 mm gaps	DRW010281SP HM47280SP DRW010276SP	1 2 4							
5	Probe Accessories	Type	Specification	Probe compatibility	Spare part code							
		No Accessories Mounting Flange Cable Gland for Probe Mounting	M20 x 1.5 with Split Seal	HMP375 HMP373/HMP375/HMP377	210696 HMP247CG	N C E						
6	Transmitter Type	No Display Display	Transmitter without Display and Keypad Transmitter with Display and Keypad			A B						
7	Output Units	Metric Non-Metric	Metric units Non-metric units			1 2						
8-9	Analog Outputs	Parameter No Analog Output	Scale, Metric (Non-Metric)	Output signal								
		Humidity, temperature, dew point	RH (%) T (°C   °F) T (°C   °F) T (°C   °F) T (°C   °F) T (°C   °F) Td (°C   °F)	0...100 % 0...+60 °C (+32...+140 °F) -40...+60 °C (-40...+140 °F) -20...+80 °C (-4...+176 °F) -40...+180 °C (-40...356 °F) -20...+120 °C (-4...+248 °F)	4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state)	N A B C D E H						
	Custom scaling	CH1 Parameter & Scale	:	CH2 Parameter & Scale	:	X	X					
	Available parameters	Relative humidity Temperature Dewpoint temperature Dew/frostpoint temperature Dew/frostpoint at 1 atm Dewpoint at 1 atm Absolute humidity Mixing ratio	RH (%) T (°C   °F) Td (°C   °F) TdFa (°C   °F) Tda (°C   °F) a (g/m3   gr/ft3) x (g/kg   gr/lb)	Wet bulb temperature Water concentration Water vapor pressure Enthalpy Water vapor saturation pressure Dewpoint temperature difference Absolute humidity at NTP Water mass fraction	Tw (°C   °F) H2O (ppmv) pw (hPa   psi) h (kJ/kg   Btu/lb) pws (hPa   psi) DT (°C   °F) aNTP (g/m3   gr/ft3) H2Ow (ppmw)	N A B C D E H X						
10	Cable Lead-through	Type	Cable diameter	Quantity	Spare part code	Manufacturer, Type						
		No Cable Glands Cable gland M20x1.5 Cable gland M20x1.5 Conduit fitting M16 Conduit fitting NPT1/2" Cable glands M20x1.5 Cable glands M20x1.5 Conduit fittings M16 Conduit fittings NPT1/2"	5...11 mm 10...14 mm 5...11 mm 10...14 mm	1 pc 1 pc 1 pc 1 pc 2 pcs 2 pcs 2 pcs 2 pcs	265207SP 265208SP 265243SP 265240SP	AGRO, EX1826.20.110 Hummel, HSK-MZ-Ex ABB, EXN/M20-M16/R ABB, EXN/M20-050/TC	0 1 2 3 4 5 6 7 8					
11	Transmitter Accessories	Type		Spare part code	Manufacturer/Type							
		No Transmitter Accessories HMT360 retrofit mounting plate USB Service Cable Zener Barrier Zener Barriers Galvanic Isolator Galvanic Isolator Galvanic Isolator	HMT360 Mounting Compatible for Transmitter for 1 Channel for 2 Channels (2 pcs) for 1 Channel for 1 Channel for 2 Channels (1 pc Double Channel)	DRW253246SP 219690 210664SP 212483SP MTL5541SP MTL5544SP	Stahl, 9001/51-280-091-141 Stahl, 9160/13-11-11k Eaton, MTL5541/S Eaton, MTL5544	N A B C D E F G						
12	Reserved	None										

**Additional information**  
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Selections in *italic* are available at an extra price.

Example of order code with typical settings:  
**HMT370EX** | **5** | **1** | **L** | **2** | **N** | **B** | **1** | **A** | **C** | **1** | **N** | **N**

1. Probe Model  
2. Ex Certificate  
3. Probe Type  
4. Filter  
5. Probe Acc.  
6. Transmitter Type  
7. Output Units  
8. CH1 Output  
9. CH2 Output  
10. Cable Lead-through  
11. Transmitter Acc.  
12. Not in use



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### Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP377 Probe

HMT370EX Transmitter + HMP377 Probe for High Humidities					HMT370EX		7	1. Probe Model	2. Ex. Certificate	3. Probe Type	4. Filter	5. Probe Acc.	6. Transmitter Type	7. Output Units	8. CH1 Output	9. CH2 Output	10. Cable Lead-through	11. Transmitter Acc.	12. Not in use	N	Price
1	Probe Model	HMP377	Probe for High Humidities				7														
2	Ex Certification and Region	IECEX ATEX	Global Europe					1													
3	Probe Cable Length and Sensor	Humidity	Probe Model HMP377	Cable 2m 5 m 10 m	Specification max +180°C max +180°C max +180°C	Sensor HUMICAP® R2 HUMICAP® R2 HUMICAP® R2															
4	Sensor Protection	Type	Metallized PPS Plastic Filter Grid with Stainless Steel Mesh for general use Stainless Steel Sintered Filter (AISI 316L) for general use Metallized PPS Plastic Filter Grid for fast response in clean environments Stainless Steel Filter (AISI 303) with PTFE Membrane	Pore size 15 µm 38 µm 6.5 mm gaps 0.2 µm	Spare part code DRW010281SP HM47280SP DRW010276SP 214848SP																
5	Probe Accessories	Type	No Accessories Duct Installation Kit Cable Gland for Probe Mounting Swagelok Probe Fitting Swagelok Probe Fitting Swagelok Probe Fitting	Specification M20 x 1.5 with Split Seal NPT Thread (12mm) ISO 3/8 Thread (12mm) ISO 1/2" Thread (12mm)	Probe compatibility HMP373/377 HMP373/HMP375/HMP377 HMP377 HMP377 HMP377	Spare part code 210697 HMP247CG SWG12NPT12 SWG12ISO38 SWG12ISO12															
6	Transmitter Type	No Display Display	Transmitter without Display and Keypad Transmitter with Display and Keypad																		
7	Output Units	Metric Non-Metric	Metric units Non-metric units																		
8-9	Analog Outputs	Parameter	No Analog Output		Scale, Metric (Non-Metric)	Output signal															
		Humidity, temperature, dew point	Humidity Temperature Temperature Temperature Temperature Dewpoint Temperature	RH (%) T (°C   °F) T (°C   °F) T (°C   °F) T (°C   °F) Td (°C   °F)	0...100 % 0...+60 °C (+32...+ 140 °F) -40...+60 °C (-40...+140 °F) -20...+80 °C (-4...+176 °F) -40...+180 °C (-40...356 °F) -40...+120 °C (-4...+248 °F)	4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state)															
	Custom scaling	CH1 Parameter & Scale			CH2 Parameter & Scale																
	Available parameters	Relative humidity Temperature Dewpoint temperature Dew/frostpoint temperature Dew/frostpoint at 1 atm Dewpoint at 1 atm Absolute humidity Mixing ratio	RH (%) T (°C   °F) Td (°C   °F) Tdf (°C   °F) Tdfa (°C   °F) Tda (°C   °F) a (g/m3   gr/ft3) x (g/kg   gr/lb)	Wet bulb temperature Water concentration Water vapor pressure Enthalpy Water vapor saturation pressure Dewpoint temperature difference Absolute humidity at NTP Water mass fraction	Tw (°C   °F) H2O (ppmv) pw (hPa   psi) h ( kJ/kg   Btu/lb) pws (hPa   psi) DT (°C   °F) aNTP (g/m3   gr/ft3) H2Ow (ppmw)																
10	Cable Lead-through	Type	No Cable Glands Cable gland M20x1.5 Cable gland M20x1.5 Conduit fitting M16 Conduit fitting NPT1/2" Cable glands M20x1.5 Cable glands M20x1.5 Conduit fittings M16 Conduit fittings NPT1/2"	Cable diameter 5...11 mm 10...14 mm 5...11 mm 10...14 mm	Quantity 1 pc 1 pc 1 pc 1 pc 2 pcs 2 pcs 2 pcs 2 pcs	Spare part code 265207SP 265208SP 265243SP 265240SP	Manufacturer, Type AGRO, EX1826.20.110 Hummel, HSK-MZ-Ex ABB, EXNM20-M16/R ABB, EXNM20-050/TC														
11	Transmitter Accessories	Type	No Transmitter Accessories HMT360 retrofit mounting plate USB Service Cable Zener Barrier Zener Barriers Galvanic Isolator Galvanic Isolator Galvanic Isolator	HMT360 Mounting Compatible for Transmitter for 1 Channel for 2 Channels (2 pcs) for 1 Channel for 1 Channel for 2 Channels (1 pc Double Channel)		Spare part code DRW253246SP 219690 210664SP 212483SP MTL5541SP MTL5544SP	Manufacturer/Type Stahl, 9001/51-280-091-141 Stahl, 9160/13-11-11k Eaton, MTL5541/S Eaton, MTL5544														
12	Reserved	None																			

Additional information  
Selections in bold are included in the prices of the basic versions.  
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Example of order code with typical settings:  
HMT370EX|7|1|P|1|N|B|1|A|C|1|N|N



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Order no. \_\_\_\_\_

### Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP378 Probe

HMT370EX Transmitter + HMP378 Probe for Pressurized Pipelines		HMT370EX		1. Probe Model	2. Ex. Certificate	3. Probe Type	4. Filter	5. Probe Acc.	6. Transmitter Type	7. Output Units	8. CH1 Output	9. CH2 Output	10. Cable Lead-through	11. Transmitter Acc.	12. Not in use	N	Price
1	Probe Model	HMP378	Probe for Pressurized Pipelines	8													
2	Ex Certification and Region	IECEX ATEX	Global Europe	1	2												
3	Probe Cable Length and Sensor	Probe Model HMP378	Cable	Specification	Sensor												
	Humidity	HMP378	2m 5m 10m	215mm probe, max +180°C 215mm probe, max +180°C 215mm probe, max +180°C	HUMICAP® R2 HUMICAP® R2 HUMICAP® R2	T U V											
		HMP378	2m 5m 10m	400mm probe, max +180°C 400mm probe, max +180°C 400mm probe, max +180°C	HUMICAP® R2 HUMICAP® R2 HUMICAP® R2	W Y Z											
4	Sensor Protection	Type		Pore size	Spare part code												
		Metallized PPS Plastic Filter Grid with Stainless Steel Mesh for general use		15 µm	DRW010281SP	1											
		Stainless Steel Sintered Filter (AISI 316L) for general use		38 µm	HM47280SP	2											
		Stainless Steel Filter for vacuum environments (AISI 303)		3.15 mm holes	HM47453SP	3											
		Metallized PPS Plastic Filter Grid for fast response in clean environments		6.5 mm gaps	DRW010276SP	4											
5	Probe Accessories	Type	Specification	Probe compatibility	Spare part code												
	Note! All accessories can be ordered as a separate sales order line	No Accessories Ball Valve Fitting Body for Probe Mounting Fitting Body for Probe Mounting	ISO 1/2 with Welding Joint ISO1/2 Solid Structure NPT 1/2 Solid Structure	HMP378 HMP378 HMP378	BALLVALVE-1 DRW212076SP 212810SP	N D L M											
6		No Display Display	Transmitter without Display and Keypad Transmitter with Display and Keypad			A B											
7	Output Units	Metric Non-Metric	Metric units Non-metric units			1 2											
8-9	Analog Outputs	Parameter No Analog Output		Scale, Metric (Non-Metric)	Output signal												
	Humidity, temperature, dew point	Humidity Temperature Temperature Temperature Temperature Dewpoint Temperature	RH (%) T (°C   °F) T (°C   °F) T (°C   °F) T (°C   °F) Td (°C   °F)	0...100 % 0...+60 °C (+32...+140 °F) -40...+60 °C (-40...+140 °F) -20...+80 °C (-4...+176 °F) -40...+180 °C (-40...356 °F) -20...+120 °C (-4...+248 °F)	4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state) 4... 20 mA (3.6 mA when in error state)	N A B C D E H											
	Custom scaling	CH1 Parameter & Scale		CH2 Parameter & Scale		X X											
	Available parameters	Relative humidity Temperature Dewpoint temperature Dew/frostpoint temperature Dew/frostpoint at 1 atm Dewpoint at 1 atm Absolute humidity Mixing ratio	RH (%) T (°C   °F) Td (°C   °F) Tdf (°C   °F) Tdfa (°C   °F) Tda (°C   °F) a (g/m3   qr/ft3) x (g/kg   qr/lb)	Wet bulb temperature Water concentration Water vapor pressure Enthalpy Water vapor saturation pressure Dewpoint temperature differenc. Absolute humidity at NTP Water mass fraction	Tw (°C   °F) H2O (ppmv) pw (hPa   psi) h (kJ/kg   Btu/lb) pws (hPa   psi) DT (°C   °F) aNTP (g/m3   qr/ft3) H2Ow (ppmw)												
10	Cable Lead-through	Type No Cable Glands Cable gland M20x1.5 Cable gland M20x1.5 Conduit fitting M16 Conduit fitting NPT1/2" Cable glands M20x1.5 Cable glands M20x1.5 Conduit fittings M16 Conduit fittings NPT1/2"	Cable diameter	Quantity	Spare part code	Manufacturer, Type											
			5...11 mm 10...14 mm	1 pc 1 pc	265207SP 265208SP	AGRO, EX1826.20.110 Hummel, HSK-MZ-Ex	0 1 2										
				1 pc	265243SP	ABB, EXNM20-M16/R	3										
				1 pc	265240SP	ABB, EXNM20-050/TC	4										
			5...11 mm	2 pcs			5										
			10...14 mm	2 pcs			6										
				2 pcs			7										
				2 pcs			8										
11	Transmitter Accessories	Type No Transmitter Accessories HMT360 retrofit mounting plate USB Service Cable Zener Barrier Zener Barriers Galvanic Isolator Galvanic Isolator Galvanic Isolator	HMT360 Mounting Compatible for Transmitter for 1 Channel for 2 Channels (2 pcs)		DRW253246SP 219690 210664SP 212483SP MTL5541SP MTL5544SP	Manufacturer/Type Stahl, 9001/51-280-091-141 Stahl, 9160/13-11-11k Eaton, MTL5541/S Eaton, MTL5544	N A B C D E F G										
12	Reserved	None															

Additional information  
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:  
HMT370EX | 8 | 1 | W | 3 | D | B | 1 | A | C | 1 | N | N



Public Order Form for Global Use  
Valid from: February 2021

Purchaser \_\_\_\_\_ Order no. \_\_\_\_\_

### Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP378F Probe

HMT370EX Transmitter + HMP378F Probe for Moisture in Oil					HMT370EX					Price			
1	Probe Model	Moisture in oil HMP378F Probe for Moisture in Oil			F								
2	Ex Certification and Region	IECEX	Global		1								
		ATEX	Europe		2								
3	Probe Cable Length and Sensor	Probe Model	Cable	Specification	Sensor								
	Moisture in oil	HMP378F	2m	215mm probe, max +180°C	HUMICAP® 180L2	1							
			5 m	215mm probe, max +180°C	HUMICAP® 180L2	2							
			10 m	215mm probe, max +180°C	HUMICAP® 180L2	3							
4	Sensor Protection	Type	Pore size	Spare part code									
		Stainless Steel Filter for oil and vacuum environments (AISI 303)	3.15 mm holes	HM47463SP									
5	Probe Accessories	Type	Specification	Probe compatibility	Spare part code								
	Note! All accessories can be ordered as a separate sales order line	Ball Valve	ISO 1/2 with Welding Joint	HMP378	BALLVALVE-1								
		Fitting Body for Probe Mounting	ISO1/2 Solid Structure	HMP378	DRW212076SP								
		Fitting Body for Probe Mounting	NPT 1/2 Solid Structure	HMP378	212810SP								
6	Transmitter Type	No Display	Transmitter without Display and Keypad										
		Display	Transmitter with Display and Keypad										
7	Output Units	Metric	Metric units										
		Non-Metric	Non-metric units										
8-9	Analog Outputs	Parameter	Scale, Metric (Non-Metric)	Output signal									
		No Analog Output											
	Moisture in oil	Water Concentration in Oil	H2O_oil (ppmw)	0...500 ppmw	4... 20 mA (3.6 mA when in error state)								
		Relative Saturation	RS (%RS)	0...100 %	4... 20 mA (3.6 mA when in error state)								
		Water Activity	a <sub>w</sub>	0...1	4... 20 mA (3.6 mA when in error state)								
		Saturation temperature	Ts (°C   °F)	-40...60 °C (-40...140 °F)	4... 20 mA (3.6 mA when in error state)								
	Custom scaling	CH1 Parameter & Scale	:	CH2 Parameter & Scale	:								
	Available parameters for model HMP378F	Temperature	T (°C   °F)										
		Relative saturation	RS (%RS)										
		Water activity	a <sub>w</sub>										
		Water concentration in oil	H2O_oil (ppmw)										
10	Cable Lead-through	Type	Cable diameter	Quantity	Spare part code	Manufacturer, Type							
		No Cable Glands											
		Cable gland M20x1.5	5...11 mm	1 pc	265207SP	AGRO, EX1826.20.110							
		Cable gland M20x1.5	10...14 mm	1 pc	265208SP	Hummel, HSK-MZ-Ex							
		Conduit fitting M16		1 pc	265243SP	ABB, EXNM20-M16/R							
		Conduit fitting NPT1/2"		1 pc	265240SP	ABB, EXNM20-050/TC							
		Cable glands M20x1.5	5...11 mm	2 pcs									
		Cable glands M20x1.5	10...14 mm	2 pcs									
		Conduit fittings M16		2 pcs									
		Conduit fittings NPT1/2"		2 pcs									
11	Transmitter Accessories	Type	Spare part code	Manufacturer/Type									
		No Transmitter Accessories											
	Note! All accessories can be ordered as a separate sales order line	HMT360 retrofit mounting plate	HMT360 Mounting Compatible for Transmitter	DRW253246SP									
		USB Service Cable	for 1 Channel	219690									
		Zener Barrier	for 2 Channels (2 pcs)	210664SP	Stahl, 9001/51-280-091-141								
		Zener Barriers	for 1 Channel	212483SP	Stahl, 9160/13-11-11k								
		Galvanic Isolator	for 1 Channel	MTL5541SP	Eaton, MTL5541/S								
		Galvanic Isolator	for 2 Channels (1 pc Double Channel)	MTL5544SP	Eaton, MTL5544								
12	Reserved	None											

Additional information  
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:  
HMT370EX|F|1|1|3|L|B|1|P|S|1|N|N

1. Probe Model  
2. Ex Certificate  
3. Probe Type  
4. Filter  
5. Probe Acc.  
6. Transmitter Type  
7. Output Units  
8. CH1 Output  
9. CH2 Output  
10. Cable Lead-through  
11. Transmitter Acc.  
12. Not in use



Public Order Form for Global Use  
Valid from: February 2021

Purchaser \_\_\_\_\_ Order no. \_\_\_\_\_

### Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP378H Probe

HMT370EX Transmitter + HMP378H Probe for Moisture in JET A-1 Fuel					HMT370EX					N		Price			
1	Probe Model	Moisture in oil HMP378H Probe for Moisture in JET A-1 Fuel			H										
2	Ex Certification and Region	IECEX	Global		1										
		ATEX	Europe		2										
3	Probe Cable Length and Sensor	Probe Model	Cable	Specification	Sensor										
	Moisture in JET-A1 fuel	HMP378H	2m	215mm probe, max +180°C	HUMICAP® 180L2	1									
			5 m	215mm probe, max +180°C	HUMICAP® 180L2	2									
			10 m	215mm probe, max +180°C	HUMICAP® 180L2	3									
4	Sensor Protection	Type	Pore size		Spare part code										
		Stainless Steel Filter for oil and vacuum environments (AISI 303)	3.15 mm holes		HM47463SP	3									
5	Probe Accessories	Type	Specification	Probe compatibility	Spare part code										
	Note! All accessories can be ordered as a separate sales order line	Ball Valve	ISO 1/2 with Welding Joint	HMP378	BALLVALVE-1					D					
		Fitting Body for Probe Mounting	ISO1/2 Solid Structure	HMP378	DRW212076SP					L					
		Fitting Body for Probe Mounting	NPT 1/2 Solid Structure	HMP378	212810SP					M					
6	Transmitter Type	No Display	Transmitter without Display and Keypad							A					
		Display	Transmitter with Display and Keypad							B					
7	Output Units	Metric	Metric units							1					
		Non-Metric	Non-metric units							2					
8-9	Analog Outputs	Parameter	Scale, Metric (Non-Metric)	Output signal											
		No Analog Output													
	Moisture in oil	Water Concentration in Oil	H2O_oil (ppmw)	0...500 ppmw	4... 20 mA (3.6 mA when in error state)							N	N		
		Relative Saturation	RS (%RS)	0...100 %	4... 20 mA (3.6 mA when in error state)							M	M		
		Water Activity	a <sub>w</sub>	0...1	4... 20 mA (3.6 mA when in error state)							P	P		
		Saturation temperature	Ts (°C   °F)	-40...60 °C (-40...140 °F)	4... 20 mA (3.6 mA when in error state)							R	R		
												S	S		
	Custom scaling	CH1 Parameter & Scale	:	CH2 Parameter & Scale	:							X	X		
	Available parameters for model HMP378H	Temperature	T (°C   °F)												
		Relative saturation	RS (%RS)												
		Water activity	a <sub>w</sub>												
		Water concentration in fuel	H2O_fuel (ppmw)												
		Saturation temperature	Ts (°C   °F)												
10	Cable Lead-through	Type	Cable diameter	Quantity	Spare part code	Manufacturer, Type									
		No Cable Glands													0
		Cable gland M20x1.5	5...11 mm	1 pc	265207SP	AGRO, EX1826.20.110									1
		Cable gland M20x1.5	10...14 mm	1 pc	265208SP	Hummel, HSK-MZ-Ex									2
		Conduit fitting M16		1 pc	265243SP	ABB, EXNM20-M16/R									3
		Conduit fitting NPT1/2"		1 pc	265240SP	ABB, EXNM20-050/TC									4
		Cable glands M20x1.5	5...11 mm	2 pcs											5
		Cable glands M20x1.5	10...14 mm	2 pcs											6
		Conduit fittings M16		2 pcs											7
		Conduit fittings NPT1/2"		2 pcs											8
11	Transmitter Accessories	Type	Spare part code		Manufacturer/Type										
		No Transmitter Accessories													N
	Note! All accessories can be ordered as a separate sales order line	HMT360 retrofit mounting plate	HMT360 Mounting Compatible		DRW253246SP										A
		USB Service Cable	for Transmitter		219690										B
		Zener Barrier	for 1 Channel		210664SP	Stahl, 9001/51-280-091-141									C
		Zener Barriers	for 2 Channels (2 pcs)												D
		Galvanic Isolator	for 1 Channel		212483SP	Stahl, 9160/13-11-11k									E
		Galvanic Isolator	for 1 Channel		MTL5541SP	Eaton, MTL5541/S									F
		Galvanic Isolator	for 2 Channels (1 pc Double Channel)		MTL5544SP	Eaton, MTL5544									G
12	Reserved	None													N

Additional information  
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:  
**HMT370EX** H 1 1 3 L B 1 P S 1 N N

1. Probe Model  
2. Ex Certificate  
3. Probe Type  
4. Filter  
5. Probe Acc.  
6. Transmitter Type  
7. Output Units  
8. CH1 Output  
9. CH2 Output  
10. Cable Lead-through  
11. Transmitter Acc.  
12. Not in use





**Public Order Form for Global Use**  
Valid from: February 2021

Purchaser \_\_\_\_\_ Order no. \_\_\_\_\_

## Intrinsically Safe Humidity and Temperature Transmitter HMT370EX without Probe

HMT370EX Transmitter Unit without Probe						HMT370EX	0	0	0	N	B	1	A	C	1	N	N	Price	
1	Probe Model	HMT370	Transmitter Unit only			0													
2	Ex Certification and Region	IECEX	Global			1													
		ATEX	Europe			2													
3	Probe Cable Length and Sensor	Transmitter only	Probe Model	Cable	Specification	Sensor													
		No Probe	No Probe					0											
4	Sensor Protection	Type	Pore size		Spare part code														
		No Sensor Protection						0											
5	Probe Accessories	Type	Specification		Probe compatibility	Spare part code													
		No Accessories						N											
6	Transmitter Type	No Display	Transmitter without Display and Keypad																
		Display	Transmitter with Display and Keypad			A B													
7	Output Units	Metric	Metric units					1											
		Non-Metric	Non-metric units					2											
8-9	Analog Outputs	Parameter	Scale, Metric (Non-Metric)		Output signal														
		No Analog Output						N N											
	Humidity, temperature, dew point	Humidity	RH (%)	0...100 %		4... 20 mA (3.6 mA when in error state)			A A										
		Temperature	T (°C   °F)	0...+60 °C (+32...+ 140 °F)		4... 20 mA (3.6 mA when in error state)			B B										
		Temperature	T (°C   °F)	-40...+60 °C (-40...+140 °F)		4... 20 mA (3.6 mA when in error state)			C C										
		Temperature	T (°C   °F)	-20...+80 °C (-4...+176 °F)		4... 20 mA (3.6 mA when in error state)			D D										
		Temperature	T (°C   °F)	-40...+180 °C (-40...356 °F)		4... 20 mA (3.6 mA when in error state)			E E										
		Dewpoint Temperature	Td (°C   °F)	-20...+120 °C (-4...+248 °F)		4... 20 mA (3.6 mA when in error state)			H H										
	Moisture in oil	Water Concentration in Oil	H2O_oil (ppmw)	0...500 ppmw		4... 20 mA (3.6 mA when in error state)			M M										
		Relative Saturation	RS (%RS)	0...100 %		4... 20 mA (3.6 mA when in error state)			P P										
		Water Activity	a <sub>w</sub>	0...1		4... 20 mA (3.6 mA when in error state)			R R										
		Saturation temperature	Ts (°C   °F)	-40...60 °C (-40...140 °F)		4... 20 mA (3.6 mA when in error state)			S S										
Custom scaling	CH1 Parameter & Scale	:	CH2 Parameter & Scale		:			X X											
Available parameters for models HMP371... 8	Relative humidity	RH (%)	Available parameters		Temperature			T (°C   °F)											
	Temperature	T (°C   °F)	for model HMP378F		Relative saturation			RS (%RS)											
	Dewpoint temperature	Td (°C   °F)			Water activity			a <sub>w</sub>											
	Dew/frostpoint temperature	Tdf (°C   °F)			Water concentration in oil			H2O_oil (ppmw)											
	Dew/frostpoint at 1 atm	Tdfa (°C   °F)			Available parameters			T (°C   °F)											
	Dewpoint at 1 atm	Tda (°C   °F)	Available parameters		Relative saturation			RS (%RS)											
	Absolute humidity	a (g/m3   gr/ft3)	for model HMP378H		Water activity			a <sub>w</sub>											
	Mixing ratio	x (g/kg   gr/lb)			Water concentration in fuel			H2O_fuel (ppmw)											
	Wet bulb temperature	Tw (°C   °F)			Saturation temperature			Ts (°C   °F)											
	Water concentration	H2O (ppmv)																	
	Water vapor pressure	pw (hPa   psi)																	
	Enthalpy	h ( kJ/kg   Btu/lb)																	
	Water vapor saturation pressure	pws (hPa   psi)																	
Dewpoint temperature difference	DT (°C   °F)																		
Absolute humidity at NTP	aNTP (g/m3   gr/ft3)																		
Water mass fraction	H2Ow (ppmw)																		
10	Cable Lead-through	Type	Cable diameter	Quantity	Spare part code		Manufacturer, Type												
		No Cable Glands						0											
		Cable gland M20x1.5	5...11 mm	1 pc	265207SP		AGRO, EX1826.20.110			1									
		Cable gland M20x1.5	10...14 mm	1 pc	265208SP		Hummel, HSK-MZ-Ex			2									
		Conduit fitting M16			265243SP		ABB, EXN/M20-M16/R			3									
		Conduit fitting NPT1/2"			265240SP		ABB, EXN/M20-050/TC			4									
		Cable glands M20x1.5	5...11 mm	2 pcs						5									
		Cable glands M20x1.5	10...14 mm	2 pcs						6									
		Conduit fittings M16								7									
		Conduit fittings NPT1/2"								8									
11	Transmitter Accessories	Type			Spare part code		Manufacturer/Type												
		No Transmitter Accessories						N											
		HMT360 retrofit mounting plate	HMT360 Mounting Compatible		DRW253246SP					A									
		USB Service Cable	for Transmitter		219690					B									
		Zener Barrier	for 1 Channel		210664SP		Stahl, 9001/51-280-091-141			C									
		Zener Barriers	for 2 Channels (2 pcs)							D									
		Galvanic Isolator	for 1 Channel		212483SP		Stahl, 9160/13-11-11k			E									
		Galvanic Isolator	for 1 Channel		MTL5541SP		Eaton, MTL5541/S			F									
		Galvanic Isolator	for 2 Channels (1 pc Double Channel)		MTL5544SP		Eaton, MTL5544			G									
		12	Reserved	None			N												

- 1. Probe Model
- 2. Ex Certificate
- 3. Probe Type
- 4. Filler
- 5. Probe Acc.
- 6. Transmitter Type
- 7. Output Units
- 8. CH1 Output
- 9. CH2 Output
- 10. Cable Lead-through
- 11. Transmitter Acc.
- 12. Not in use

**Additional information**

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:

HMT370EX | 0 | 1 | 0 | 0 | N | B | 1 | A | C | 1 | N | N



Public Order Form for Global Use  
Valid from: February 2021

Purchaser \_\_\_\_\_

Order no. \_\_\_\_\_

### Intrinsically Safe Humidity and Temperature Probe HMP370EX (spare part)

1. Probe Model  
2. Ex Certificate  
3. Probe Type  
4. Filter  
5. Probe Accessories  
6. Not in use

HMP370EX Probe without Transmitter Unit				HMP370EX	1	2	3	4	5	6	N	Price		
1	Probe Model	HMP371	Probe for Wall Mounting											
		HMP373	Probe for Confined Spaces											
		HMP374	Probe for Pressurized Processes											
		HMP375	Probe for High Temperatures											
		HMP377	Probe for High Humidities											
		HMP378	Probe for Pressurized Pipelines											
		HMP378F	Probe for Moisture in Oil											
		HMP378H	Probe for Moisture in JET A-1 Fuel											
2	Ex Certification and Region	IECEX	Global											
		ATEX	Europe											
3	Probe Cable Length and Sensor	Probe	Cable	Specification	Sensor									
		Humidity	HMP371	No Cable	Fixed Probe, max +60°C	HUMICAP® R2							A	
			HMP373	2m	max +80°C	HUMICAP® R2								B
				5 m	max +80°C	HUMICAP® R2								C
				10 m	max +80°C	HUMICAP® R2								D
			HMP373	2m	max +120°C	HUMICAP® R2								E
				5 m	max +120°C	HUMICAP® R2								F
				10 m	max +120°C	HUMICAP® R2								G
			HMP374	2m	max +180°C	HUMICAP® R2								H
				5 m	max +180°C	HUMICAP® R2								J
				10 m	max +180°C	HUMICAP® R2								K
			HMP375	2m	max +180°C	HUMICAP® R2								L
				5 m	max +180°C	HUMICAP® R2								M
				10 m	max +180°C	HUMICAP® R2								N
			HMP377	2m	max +180°C	HUMICAP® R2								P
				5 m	max +180°C	HUMICAP® R2								R
				10 m	max +180°C	HUMICAP® R2								S
			HMP378	2m	215mm probe, max +180°C	HUMICAP® R2								T
				5 m	215mm probe, max +180°C	HUMICAP® R2								U
		10 m	215mm probe, max +180°C	HUMICAP® R2								V		
	HMP378	2m	400mm probe, max +180°C	HUMICAP® R2								W		
		5 m	400mm probe, max +180°C	HUMICAP® R2								Y		
		10 m	400mm probe, max +180°C	HUMICAP® R2								Z		
	Moisture in oil and JET-A1 fuel	HMP378F/H	2m	215mm probe, max +180°C	HUMICAP® 180L2							1		
			5 m	215mm probe, max +180°C	HUMICAP® 180L2							2		
			10 m	215mm probe, max +180°C	HUMICAP® 180L2							3		
4	Sensor Protection	Type	Pore size	Spare part code										
		Metallized PPS Plastic Filter Grid with Stainless Steel Mesh for general use	15 µm	DRW010281SP									1	
		Stainless Steel Sintered Filter (AISI 316L) for general use	38 µm	HM47280SP									2	
		Stainless Steel Filter for oil and vacuum environments (AISI 303)	3.15 mm holes	HM47453SP									3	
		Metallized PPS Plastic Filter Grid for fast response in clean environments	6.5 mm gaps	DRW010276SP									4	
	Stainless Steel Filter (AISI 303) with PTFE Membrane	0.2 µm	214848SP									5		
5	Probe Accessories	Type	Specification	Probe compatibility	Spare part code									
		No Accessories											N	
		Note! All accessories can be ordered as a separate sales order line	Duct Installation Kit	HMP373/377	210697									B
			Mounting Flange	HMP375	210696									C
			Ball Valve	HMP378/F/H	BALL VALVE-1									D
			Cable Gland for Probe Mounting	ISO 1/2 with Welding Joint	HMP373/HMP375/HMP377	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 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	ISO1/2 Solid Structure	HMP378	DRW212076SP								L
			Fitting Body for Probe Mounting	NPT 1/2 Solid Structure	HMP378	212810SP								M
			Manual press		HMP378/F/H	HM36854SP								P
	USB2 Service Cable		All probes	USB2								S		
6	Reserved	None										N		

Additional information  
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:

**HMP370EX** | 1 | 1 | **A** | 1 | **N** | **N**