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Public Order Form for Global Use
Valid from: June 2021

Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP371 Probe

	HMT70EX Transmitter + HMP371 Probe for Wall Mounting					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	Price
1	**Probe Model**																		
		HMP371	**Probe for Wall Mounting**				**1**												
2	**Ex Certification, Region and Product Markings**																		
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**				**1**											
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**				**2**											
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**				**4**											
3	**Probe Cable Length and Sensor**																		
		Probe Model	**Cable**	**Specification**	**Sensor**														
	Humidity	**HMP371**	**No Cable**	**Fixed Probe, max +60°C**	**HUMICAP® R2**				**A**										
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**																		
		No Accessories									**N**								
6	**Transmitter Type**																		
		No Display	**Transmitter without Display and Keypad**									**A**							
		Display	*Transmitter with Display and Keypad*									*B*							
7	**Output Units**													**Channel 1**	**Channel 2**				
	This selection applies	**Metric**	**Metric units**										**1**						
	also to analog outputs	**Non-Metric**	**Non-metric units**										**2**						
8-9	**Analog Outputs**																		
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**														
		No Analog Output												**N**	**N**				
	Humidity, temperature,	**Humidity**	**RH (%)**	**0...100 %**	**4... 20 mA (3.6 mA when in error state)**									**A**	**A**				
	dew point	**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**				
		Dewpoint Temperature	**Td (°C | °F)**	**-20...+120 °C (-4...+248 °F)**	**4... 20 mA (3.6 mA when in error state)**									**H**	**H**				
	Custom scaling	*CH1 Parameter & Scale*	*:*	*CH2 Parameter & Scale*	*:*									*X*	*X*				
	Available parameters	*Relative humidity*	*RH (%)*	*Wet bulb temperature*	*Tw (°C | °F)*														
		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**																		
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**													
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***										**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**										*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**										*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**										*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**										*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*												*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*												*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*												*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*											*8*			
11	**Transmitter Accessories**																		
		Type			**Spare part code**	**Manufacturer/Type**													
		No Transmitter Accessories															**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*												*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*												*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*											*C*		
	sales order line	*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	1	1	A	1	N	B	1	A	C	1	N	N

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Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP373 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	Price
	HMT370EX Transmitter + HMP373 Probe for Confined Spaces				**HMT370EX**	**3**											**N**	
1	**Probe Model**																	
		HMP373	**Probe for Confined Spaces**		**3**													
2	**Ex Certification, Region and Product Markings**																	
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**	**1**													
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**	**2**													
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**	**4**													
3	**Probe Cable Length and Sensor**																	
		Probe Model	**Cable**	**Specification**	**Sensor**													
	Humidity	**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*										
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								**N**								
		Duct Installation Kit		*HMP373/377*	*210697*					*B*								
		Cable Gland for Probe Mounting	*M20 x 1.5 with Split Seal*	*HMP373/HMP375/HMP377*	*HMP247CG*					*E*								
6	**Transmitter Type**																	
		No Display	**Transmitter without Display and Keypad**								**A**							
		Display	*Transmitter with Display and Keypad*								*B*							
7	**Output Units**												**Channel 1**	**Channel 2**				
	This selection applies	**Metric**	**Metric units**									**1**						
	also to analog outputs	**Non-Metric**	**Non-metric units**									**2**						
8-9	**Analog Outputs**																	
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**													
		No Analog Output											**N**	**N**				
	Humidity, temperature,	**Humidity**	**RH (%)**	**0...100 %**	**4... 20 mA (3.6 mA when in error state)**								**A**	**A**				
	dew point	**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**				
	Custom scaling	*CH1 Parameter & Scale*	*:_____*	*CH2 Parameter & Scale*	*:_____*								*X*	*X*				
	Available parameters	*Relative humidity*	*RH (%)*	*Wet bulb temperature*	*Tw (°C | °F)*													
		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**																	
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**												
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***									**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**									*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**									*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**									*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**									*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*											*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*											*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*											*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*										*8*			
11	**Transmitter Accessories**																	
		Type			**Spare part code**	**Manufacturer/Type**												
		No Transmitter Accessories														**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*											*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*											*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*										*C*		
	sales order line	*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	**3**	**1**	**E**	**1**	**N**	**B**	**1**	**A**	**C**	**1**	**N**	**N**

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Valid from: June 2021

Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP374 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	Price
	HMT370EX Transmitter + HMP374 Probe for Pressurized Processes					**HMT370EX**	**4**											**N**	
1	**Probe Model**																		
		HMP374	**Probe for Pressurized Processes**			**4**													
2	**Ex Certification, Region and Product Markings**																		
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**		**1**													
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**		**2**													
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**		**4**													
3	**Probe Cable Length and Sensor**																		
		Probe Model	**Cable**	**Specification**	**Sensor**														
	Humidity	**HMP374**	**2m**	**max +180°C**	**HUMICAP® R2**	**H**													
			5 m	*max +180°C*	*HUMICAP® R2*	*J*													
			10 m	*max +180°C*	*HUMICAP® R2*	*K*													
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**														
		Fitting Body for Probe Mounting	**M22 x 1.5**	**HMP374**	**17223SP**	**F**													
		Fitting Body for Probe Mounting	**NPT 1/2**	**HMP374**	**17225SP**	**G**													
6	**Transmitter Type**																		
		No Display	**Transmitter without Display and Keypad**			**A**													
		Display	*Transmitter with Display and Keypad*			*B*													
7	**Output Units**													**Channel 1**	**Channel 2**				
	This selection applies	**Metric**	**Metric units**			**1**													
	also to analog outputs	**Non-Metric**	**Non-metric units**			**2**													
8-9	**Analog Outputs**																		
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**														
		No Analog Output												**N**	**N**				
	Humidity, temperature,	**Humidity**	**RH (%)**	**0...100 %**	**4... 20 mA (3.6 mA when in error state)**									**A**	**A**				
	dew point	**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**				
	Custom scaling	*CH1 Parameter & Scale*	*:*	*CH2 Parameter & Scale*	*:*									*X*	*X*				
	Available parameters	*Relative humidity*	*RH (%)*	*Wet bulb temperature*	*Tw (°C | °F)*														
		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**																		
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**													
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***										**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**										*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**										*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**										*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**										*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*												*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*												*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*												*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*											*8*			
11	**Transmitter Accessories**																		
		Type			**Spare part code**	**Manufacturer/Type**													
		No Transmitter Accessories															**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*												*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*												*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*											*C*		
	sales order line	*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	**4**	**1**	**H**	**2**	**F**	**B**	**1**	**A**	**C**	**1**	**N**	**N**

Public Order Form for Global Use
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Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP375 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	Price
	HMT370EX Transmitter + HMP375 Probe for High Temperatures				**HMT370EX**	**5**											**N**	
1	**Probe Model**																	
		HMP375	**Probe for High Temperatures**		**5**													
2	**Ex Certification, Region and Product Markings**																	
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**	**1**													
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**	**2**													
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**	**4**													
3	**Probe Cable Length and Sensor**																	
		Probe Model	**Cable**	**Specification**	**Sensor**													
	Humidity	**HMP375**	**2m**	**max +180°C**	**HUMICAP® R2**			**L**										
			5 m	*max +180°C*	*HUMICAP® R2*			*M*										
			10 m	*max +180°C*	*HUMICAP® R2*			*N*										
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								**N**								
		Mounting Flange		*HMP375*	*210696*					*C*								
		Cable Gland for Probe Mounting	*M20 x 1.5 with Split Seal*	*HMP373/HMP375/HMP377*	*HMP247CG*					*E*								
6	**Transmitter Type**																	
		No Display	**Transmitter without Display and Keypad**								**A**							
		Display	*Transmitter with Display and Keypad*								*B*							
7	**Output Units**												**Channel 1**	**Channel 2**				
	This selection applies	**Metric**	**Metric units**									**1**						
	also to analog outputs	**Non-Metric**	**Non-metric units**									**2**						
8-9	**Analog Outputs**																	
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**													
		No Analog Output											**N**	**N**				
	Humidity, temperature,	**Humidity**	**RH (%)**	**0...100 %**	**4... 20 mA (3.6 mA when in error state)**								**A**	**A**				
	dew point	**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**				
	Custom scaling	*CH1 Parameter & Scale*	*:*	*CH2 Parameter & Scale*	*:*								*X*	*X*				
	Available parameters	*Relative humidity*	*RH (%)*	*Wet bulb temperature*	*Tw (°C | °F)*													
		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**																	
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**												
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***									**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**									*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**									*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**									*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**									*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*											*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*											*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*											*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*										*8*			
11	**Transmitter Accessories**																	
		Type			**Spare part code**	**Manufacturer/Type**												
		No Transmitter Accessories														**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*											*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*											*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*										*C*		
	sales order line	*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	**5**	**1**	**L**	**2**	**N**	**B**	**1**	**A**	**C**	**1**	**N**	**N**

VAISALA

Public Order Form for Global Use
Valid from: June 2021

Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP377 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	Price
	HMT370EX Transmitter + HMP377 Probe for High Humidities				**HMT370EX**	**7**											**N**	
1	**Probe Model**																	
		HMP377	**Probe for High Humidities**			**7**												
2	**Ex Certification, Region and Product Markings**																	
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**			**1**											
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**			**2**											
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**			**4**											
3	**Probe Cable Length and Sensor**																	
		Probe Model	**Cable**	**Specification**	**Sensor**													
	Humidity	**HMP377**	**2m**	**max +180°C**	**HUMICAP® R2**			**P**										
			5 m	*max +180°C*	*HUMICAP® R2*			*R*										
			10 m	*max +180°C*	*HUMICAP® R2*			*S*										
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**									
		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**								
		Duct Installation Kit		*HMP373/377*	*210697*					*B*								
		Cable Gland for Probe Mounting	*M20 x 1.5 with Split Seal*	*HMP373/HMP375/HMP377*	*HMP247CG*					*E*								
		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*								
6	**Transmitter Type**																	
		No Display	**Transmitter without Display and Keypad**								**A**							
		Display	*Transmitter with Display and Keypad*								*B*							
7	**Output Units**																	
	This selection applies	**Metric**	**Metric units**									**1**	**Channel 1**	**Channel 2**				
	also to analog outputs	**Non-Metric**	**Non-metric units**									**2**						
8-9	**Analog Outputs**																	
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**													
		No Analog Output											**N**	**N**				
	Humidity, temperature,	**Humidity**	**RH (%)**	**0...100 %**	**4... 20 mA (3.6 mA when in error state)**								**A**	**A**				
	dew point	**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**				
	Custom scaling	*CH1 Parameter & Scale*	*:_____*	*CH2 Parameter & Scale*	*:_____*								*X*	*X*				
	Available parameters	*Relative humidity*	*RH (%)*	*Wet bulb temperature*	*Tw (°C | °F)*													
		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**																	
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**												
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***									**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**									*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**									*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**									*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**									*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*											*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*											*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*											*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*										*8*			
11	**Transmitter Accessories**																	
		Type			**Spare part code**	**Manufacturer/Type**												
		No Transmitter Accessories														**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*											*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*											*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*										*C*		
	sales order line	*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	**7**	**1**	**P**	**1**	**N**	**B**	**1**	**A**	**C**	**1**	**N**	**N**

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Public Order Form for Global Use
Valid from: June 2021

Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP378 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	Price
	HMT370EX Transmitter + HMP378 Probe for Pressurized Pipelines				**HMT370EX**	**8**											**N**	
1	**Probe Model**																	
		HMP378	**Probe for Pressurized Pipelines**		**8**													
2	**Ex Certification, Region and Product Markings**																	
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**	**1**													
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**	**2**													
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**	**4**													
3	**Probe Cable Length and Sensor**																	
		Probe Model	**Cable**	**Specification**	**Sensor**													
	Humidity	**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*										
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	**No Accessories**								**N**								
	be ordered as a separate	*Ball Valve*	*ISO 1/2 with Welding Joint*	*HMP378*	*BALLVALVE-1*					*D*								
	sales order line	**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																		
		No Display	**Transmitter without Display and Keypad**								**A**							
		Display	*Transmitter with Display and Keypad*								*B*							
7	**Output Units**												**Channel 1**	**Channel 2**				
	This selection applies	**Metric**	**Metric units**									**1**						
	also to analog outputs	**Non-Metric**	**Non-metric units**									**2**						
8-9	**Analog Outputs**																	
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**													
		No Analog Output											**N**	**N**				
	Humidity, temperature,	**Humidity**	**RH (%)**	**0...100 %**	**4... 20 mA (3.6 mA when in error state)**								**A**	**A**				
	dew point	**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**				
	Custom scaling	*CH1 Parameter & Scale*	*:_____*	*CH2 Parameter & Scale*	*:_____*								*X*	*X*				
	Available parameters	*Relative humidity*	*RH (%)*	*Wet bulb temperature*	*Tw (°C | °F)*													
		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**																	
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**												
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***									**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**									*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**									*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**									*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**									*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*											*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*											*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*											*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*										*8*			
11	**Transmitter Accessories**																	
		Type			**Spare part code**	**Manufacturer/Type**												
		No Transmitter Accessories														**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*											*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*											*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*										*C*		
	sales order line	*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	**8**	**1**	**W**	**3**	**D**	**B**	**1**	**A**	**C**	**1**	**N**	**N**

Public Order Form for Global Use
Valid from: June 2021

Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP378F 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	Price
	HMT370EX Transmitter + HMP378F Probe for Moisture in Oil					**HMT370EX**	**F**											**N**	
1	**Probe Model**																		
	Moisture in oil	**HMP378F**	**Probe for Moisture in Oil**			**F**													
2	**Ex Certification, Region and Product Markings**																		
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**		**1**													
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**		**2**													
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**		**4**													
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**	**HM47453SP**					**3**									
5	**Probe Accessories**																		
		Type	**Specification**	**Probe compatibility**	**Spare part code**														
	Note! All accessories can	*Ball Valve*	*ISO 1/2 with Welding Joint*	*HMP378*	*BALLVALVE-1*						*D*								
	be ordered as a separate	**Fitting Body for Probe Mounting**	**ISO1/2 Solid Structure**	**HMP378**	**DRW212076SP**						**L**								
	sales order line	**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**													**Channel 1**	**Channel 2**				
	This selection applies	**Metric**	**Metric units**										**1**						
	also to analog outputs	**Non-Metric**	**Non-metric units**										**2**						
8-9	**Analog Outputs**																		
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**														
		No Analog Output												**N**	**N**				
	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_w**	**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	*Temperature*	*T (°C | °F)*																
	for model HMP378F	*Relative saturation*	*RS (%RS)*																
		Water activity	*a_w*																
		Water concentration in oil	*H2O_oil (ppmw)*																
10	**Cable Lead-through**																		
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**													
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***										**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**										*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**										*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**										*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**										*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*												*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*												*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*												*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*											*8*			
11	**Transmitter Accessories**																		
		Type			**Spare part code**	**Manufacturer/Type**													
		No Transmitter Accessories															**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*												*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*												*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*											*C*		
	sales order line	*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	**F**	**1**	**1**	**3**	**L**	**B**	**1**	**P**	**S**	**1**	**N**	**N**

VAISALA

Public Order Form for Global Use
Valid from: June 2021

Purchaser _____ Order no. _____

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX with HMP378H 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	Price
	HMT370EX Transmitter + HMP378H Probe for Moisture in JET A-1 Fuel					**HMT370EX**	**H**											**N**	
1	**Probe Model**																		
	Moisture in oil	**HMP378H**	**Probe for Moisture in JET A-1 Fuel**			**H**													
2	**Ex Certification, Region and Product Markings**																		
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**		**1**													
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**		**2**													
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**		**4**													
3	**Probe Cable Length and Sensor**																		
		Probe Model	**Cable**	**Specification**	**Sensor**														
	Moisture in	**HMP378H**	**2m**	**215mm probe, max +180°C**	**HUMICAP® 180L2**	**1**													
	JET-A1 fuel		*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**	**HM47453SP**					**3**									
5	**Probe Accessories**																		
		Type	**Specification**	**Probe compatibility**	**Spare part code**														
	Note! All accessories can	*Ball Valve*	*ISO 1/2 with Welding Joint*	*HMP378*	*BALLVALVE-1*						*D*								
	be ordered as a separate	**Fitting Body for Probe Mounting**	**ISO1/2 Solid Structure**	**HMP378**	**DRW212076SP**						**L**								
	sales order line	**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**													**Channel 1**	**Channel 2**				
	This selection applies	**Metric**	**Metric units**										**1**						
	also to analog outputs	**Non-Metric**	**Non-metric units**										**2**						
8-9	**Analog Outputs**																		
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**														
		No Analog Output												**N**	**N**				
	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_w**	**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	*Temperature*	*T (°C | °F)*																
	for model HMP378H	*Relative saturation*	*RS (%RS)*																
		Water activity	*a_w*																
		Water concentration in fuel	*H2O fuel (ppmw)*																
		Saturation temperature	*Ts (°C | °F)*																
10	**Cable Lead-through**																		
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**													
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***										**0**			
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**										*1*			
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**										*2*			
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**										*3*			
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**										*4*			
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*												*5*			
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*												*6*			
	See details in the user	*Conduit fittings M16*		*2 pcs*												*7*			
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*											*8*			
11	**Transmitter Accessories**																		
		Type			**Spare part code**	**Manufacturer/Type**													
		No Transmitter Accessories															**N**		
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*												*A*		
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*												*B*		
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*											*C*		
	sales order line	*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**

Public Order Form for Global Use
Valid from: June 2021

Purchaser

Order no.

Intrinsically Safe Humidity and Temperature Transmitter HMT370EX without Probe

	HMT370EX Transmitter Unit without Probe					HMT370EX	0		0	0	N							N	Price
							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
1	**Probe Model**																		
		HMT370	**Transmitter Unit only**			**0**													
2	**Ex Certification, Region and Product Markings**																		
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**					**1**										
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**					**2**										
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**					**4**										
3	**Probe Cable Length and Sensor**																		
		Probe Model	**Cable**	**Specification**	**Sensor**														
	Transmitter only	**No Probe**								**0**									
4	**Sensor Protection**																		
		Type		**Pore size**	**Spare part code**														
	Transmitter only	**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**										**A**						
		Display	*Transmitter with Display and Keypad*										*B*						
7	**Output Units**																		
	This selection applies	**Metric**	**Metric units**											**1**	**Channel 1**	**Channel 2**			
	also to analog outputs	**Non-Metric**	**Non-metric units**											**2**					
8-9	**Analog Outputs**																		
		Parameter		**Scale, Metric (Non-Metric)**	**Output signal**														
		No Analog Output													**N**	**N**			
	Humidity, temperature,	**Humidity**	**RH (%)**	**0...100 %**	**4... 20 mA (3.6 mA when in error state)**										**A**	**A**			
	dew point	**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_w**	**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	*Relative humidity*	*RH (%)*	*Available parameters*	*Temperature*	*T (°C | °F)*													
	for models HMP371… 8	*Temperature*	*T (°C | °F)*	*for model HMP378F*	*Relative saturation*	*RS (%RS)*													
		Dewpoint temperature	*Td (°C | °F)*		*Water activity*	*a_w*													
		Dew/frostpoint temperature	*Tdf (°C | °F)*		*Water concentration in oil*	*H2O_oil (ppmw)*													
		Dew/frostpoint at 1 atm	*Tdfa (°C | °F)*																
		Dewpoint at 1 atm	*Tda (°C | °F)*	*Available parameters*	*Temperature*	*T (°C | °F)*													
		Absolute humidity	*a (g/m3 | gr/ft3)*	*for model HMP378H*	*Relative saturation*	*RS (%RS)*													
		Mixing ratio	*x (g/kg | gr/lb)*		*Water activity*	*a_w*													
		Wet bulb temperature	*Tw (°C | °F)*		*Water concentration in fuel*	*H2O_fuel (ppmw)*													
		Water concentration	*H2O (ppmv)*		*Saturation temperature*	*Ts (°C | °F)*													
		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**																		
	NOTE:	**Type**	**Cable diameter**	**Quantity**	**Spare part code**	**Manufacturer, Type**													
	Please choose the item	**No Cable Glands**	**dummy plug**	**1 pc**	*254931SP*	**AGRO, EX8720.08***											**0**		
	that meets Ex- require-	*Cable gland M20x1.5*	*5…11 mm*	*1 pc*	*265207SP*	*AGRO, EX1826.20.110**											*1*		
	ments in your country.	*Cable gland M20x1.5*	*10...14 mm*	*1 pc*	*265208SP*	*Hummel, HSK-MZ-Ex**											*2*		
	You can use other	*Conduit fitting M16*		*1 pc*	*265243SP*	*ABB, EXN/M20-M16/R**											*3*		
	glands and conduit fittings	*Conduit fitting NPT1/2"*		*1 pc*	*265240SP*	*ABB, EXN/M20-050/TC**											*4*		
	not listed here if they meet	*Cable glands M20x1.5*	*5…11 mm*	*2 pcs*													*5*		
	the IP / Ex-requirements.	*Cable glands M20x1.5*	*10...14 mm*	*2 pcs*													*6*		
	See details in the user	*Conduit fittings M16*		*2 pcs*													*7*		
	documentation.	*Conduit fittings NPT1/2"*		*2 pcs*	**See current approvals from the manufacturer's data sheet*												*8*		
11	**Transmitter Accessories**																		
		Type			**Spare part code**	**Manufacturer/Type**													
		No Transmitter Accessories																**N**	
		HMT360 retrofit mounting plate	*HMT360 Mounting Compatible*		*DRW253246SP*													*A*	
	Note! All accessories can	*USB Service Cable*	*for Transmitter*		*219690*													*B*	
	be ordered as a separate	*Zener Barrier*	*for 1 Channel*		*210664SP*	*Stahl, 9001/51-280-091-141*												*C*	
	sales order line	*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	0	1	0	0	N	B	1	A	C	1	N	N

Public Order Form for Global Use
Valid from: June 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	Price
	HMP370EX Probe without Transmitter Unit					**HMP370EX**					**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**						
	Moisture in oil	**HMP378F**	**Probe for Moisture in Oil**			**F**						
		HMP378H	**Probe for Moisture in JET A-1 Fuel**			**H**						
2	**Ex Certification, Region and Product Markings**											
		IECEx	**Global**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85 °C Da**			**1**					
	Please see details in the	**ATEX**	**Europe**	**II 1G Ex ia IIC T4 Ga / II 1D Ex ia IIIC T200 +85 °C Da**			**2**					
	Ex-certificate	**CML**	**Japan**	**Ex ia IIC T4 Ga / Ex ia IIIC T200 +85°C Da**			**4**					
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	**HMP378F/H**	**2m**	**215mm probe, max +180°C**	**HUMICAP® 180L2**			**1**				
	and JET-A1 fuel		*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	*Duct Installation Kit*		*HMP373/377*	*210697*					*B*		
	can be ordered as a	*Mounting Flange*		*HMP375*	*210696*					*C*		
	separate sales order	*Ball Valve*	*ISO 1/2 with Welding Joint*	*HMP378/F/H*	*BALLVALVE-1*					*D*		
	line	*Cable Gland for Probe Mounting*	*M20 x 1.5 with Split Seal*	*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**