HMT365 Intrinsically Safe Humidity and Temperature Transmitter
With high temperature probe

				transmitter unit										probe					
Vaisala HUMICAP®																			
Instrincally Safe Humidity and Temperature Transmitter			**HMT365**											**A**					**PRICE**
Transmitter unit	Transmitter type	RH+T	A																
		RH+T+Td+a+Tw+x	*D*																
	Display	**no display**	**1**																
		display on transmitter cover	*2*																
	Signal output	**2 analog output channels (Ch1 + Ch2)**	**4... 20 mA**	**2**															
	Analog output signals	**no analog output**			**A**	**A**													
	for Ch1 and Ch2	**RH (0... 100%RH)**			**B**	**B**													
		temperature (choose range in next section)			**C**	**C**													
		Td (* (-40...100°C)	***(-40...212°F)***		**H**	**H**													
		a (0...500g/m3)	***(0...218.5gr/ft3)***		**J**	**J**													
		Tw (0...100°C)	***(+32...+212°F)***		**K**	**K**													
	NOTE:	**x (0...500g/kg d.a)**	***(0...3500gr/lb)***		**L**	**L**													
	- Td, a, Tw and x are only avalable with transmitter type D			**Ch1**															
				Ch2															
	Analog output range	**-20...+80°C**	***(-4...+176°F)***				**D**												
	for temperature (**	**-20...+120°C**	***(-4...+248°F)***				**E**												
		-40...+80°C	***(-40...+176°F)***				**F**												
		-40...+120°C	***(-40...+248°F)***				**G**												
		0...+100°C	***(+32...+ 212°F)***				**H**												
		-20...+180°C	***(-4...+356°F)***				**J**												
		-40...+180 °C	***(-40...+356°F)***				**K**												
		0...+180°C	***(+32...+356°F)***				**L**												
	Output units	**metric**						**1**											
		non-metric						**2**											
	Cable bushings	**cable gland**							**A**										
		conduit fitting, 1/2" NPT	**(for wire conduits)**						**B**										
	Ex certification and issuer	**ATEX 100a 94/9/EC (PTB)**								**2**									
		Factory Mutual (USA)								**4**									
		CSA (Canada)								**5**									
		SAA (Australia)								**6**									
		TIIS (Japan)								**7**									
	Operating manual language	**no manual**									**A**								
		English									**B**								
Probe	Probe cable length	**2 m**	**150mm probe**									**H**							
	max +180 °C (+356 °F)	*5 m*	*150mm probe*									*J*							
		10 m	*150mm probe*									*K*							
	Humidity sensor type	**general purpose (recommended choice)**	**HUMICAP180®**										**1**						
		special sensor for high chemical concentrations (***	**HUMICAP180L2®**										**2**						
	Space holder for future options													**A**					
	Sensor protection in probe*	**PPS plastic grid & stainless steel netting (16720HMSP)**													**1**				
		sintered stainless steel filter (recommended choice) (16452SP)													**3**				
	Installation kit	**no kit**														**A**			
		mounting flange, stainless steel														*D*			
	Ex certification and issuer	**ATEX 100a 94/9/EC (PTB)**															**2**		
		Factory Mutual (USA)															**4**		
		CSA (Canada)															**5**		
		SAA (Australia)															**6**		
		TIIS (Japan)															**7**		

TOTAL
QTY
TOTAL VALUE

(* Output scaling does not necessarily reflect optimum measurement range. Vaisala has dewpoint specific products for measuring low dewpoints (below -10 °C). Please reference dewpoint products or contact Vaisala sales for further questions.
(** If no temperature output is desired, choose D
(*** limited temperature/humidity range

RH = Relative Humidity a = Absolute Humidity g/m3
T = Temperature x = Mixing Ratio g/Kg
Td = Dewpoint Temperature Tw = Wet Bulb Temperature

Selections in bold are included in the prices of the basic versions.
Selections in italic are available at an extra price.
Shaded sections indicate typical selections.

Example of order code with typical settings:

HMT365	A	1	2	B	C	J	2	A	4	B	H	1	A	3	A	4

Additional Accessories:

Description	**Order Code:**	**PRICE**
Stahl Zener Barrier	210664	
(active barrier that requires active input)		
Vyniker enclosure	210665	
(enclosure holds 2 barriers)		