



Valid from 20130826 JAH Order Form

## **Vaisala Ultrasonic Wind Sensor WMT700**

1		MATTE	1	ı	ı	1	I	1	I				1	
To max   WARTON   Calibration (WATTES)   C	1	WMT 7 0 Measurement range	_1					1					1	
Testing   Part   Part		75 m/s WMT703												
			) C											
-9.29.0 C	2			Α										
Note   Part														
Non-based version   1				С										
Heated transfucions   2	3				1									
Hestood strandscens and arms   3   4														
4   Digital communication interfaces		Heated transducers and arms												
RS-485 solated   A   B   B   B   B   B   B   B   B   B					4									
RS-422 installated   RS-222 installated   RS-2222 installated   RS-22222 installated   RS-222222 installated   RS-222222 installated   RS-222222 installated	4					Α								
SSD-12 excitated														
50   Digital communication profile   Wilston - Political   Seption   Septi														
WMM170 - poli mode   clearuly   3600b, S. N. 1 Poliud   0	5					D	ļ							
WS-426 - ASCRIL   AVEA Catched ( 10183)   2400b, 8, 11 Polled   1   1   1   1   1   1   1   1   1	3		9600b, 8, N, 1 Po	lled			0							
W3425-SB1-12		WS425 - ASCII												
W8425 - ASOS   2400b, 8, N, Foliad   4   6   7   7   7   7   7   7   7   7   7		, ,												
ROSA-NESS12 Settleded (v 0183) 45000, 8 N, 1 Polled 5							-							
Digital communication units m/s		ROSA - MES12	9600b, 8, N, 1 Pol	lled										
Marie   Mari			4800b, 8, N, 1 Au	to send 1/s			8	J						
Month   Mont	6							А						
mph														
Table   Tabl		mph												
Disabled   Voltage cut/put   100 mV/m/s   1   1   1   1   1   1   1   1   1	7							D	j					
Voltage cutput	,								0					
Current output   0.2 m.A.m/s   4														
Push-Pull frequency output				(0Range	e m/s)				3					
W8425 - voltage output   S Hz/mph   S Hz/m									4 6					
Pull up frequency output (PNP) 10 Hz/m/s									•					
Pull down frequency output (NPN)														
Analog output signals for wind direction channel   20 mV/Deg														
Disabled	8	Analog output signals for wind direction channel	10 HZ/11//S							J				
Current output 420 mA		Disabled												
Current output (420 mA														
Potentiometer output (WS425)   0Vref (Vref = external reference voltage from system)   F														
None   1   Cable 2 m, cable connector, open leads on one end   2   Cable 10 m, cable connector, open leads on one end   3   MAWS cable 10 m   Sheld connected to PE pin   Adapter cable for WS425 serial   Adapter cable for WS425 sandag frequency output   7   RS485 Cable 2 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 2 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 10 m   cable connector, open leads on one end   8   RS485 Cable 20 m   cable connector, open leads on one end   8   RS485 Cable 20 m   cable connector, open leads on one end   8   RS485 Cable 20 m   cable connector, open leads on one end   8   RS485 Cable 20 m   cable connector, open leads on one end   8   RS485 Cable 20 m   cable connector, open leads on one end   8   RS485 Cable 20 m   cable connector, open leads on one end   8   C   C   C   C   C   C   C   C   C		Potentiometer output (WS425)		ternal refer	ence voltag	e from syste	m)							
Cable 2 m, cable connector, open leads on one end   2	9										1			
Cable 10 m, cable connector, open leads on one end			end											
AWS520 cable 10 m, shield connected to PE pin Adapter cable for WS425 sarials Adapter cable for WS425 analog frequency output RS485 Cable 2 m, cable connector, open leads on one end RS485 Cable 10 m, cable connector, open leads on one end Adapter cable for WS425 analog voltage output AWS520 cable 10 m, cable connector, open leads on one end Adapter cable for WS425 analog voltage output AWS520 cable 10 m, cable connector, open leads on one end Adapter cable for MS425 analog voltage output AWS520 cable 10 m, cable connector, open leads on one end Cable 15 m, cable connector, open leads on one end Junction Box with Cable Zmeters Cable 15 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Adapter 28869 only Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX60-POM Adapter 228869 with WMT70FIX60-POM Adapter 228869 with WMT70FIX60-RST Standard adapter with plastic fix for 60 mm pole Adapter 228869 with WMT70FIX60-RST Standard adapter with stainless steel fix for 60 mm pole DAdapter 282869 with WMT70FIX60-RST Standard adapter with stainless steel fix for 60 mm pole Adapter 228869 with WMT70FIX60-RST None  10    Power - Reserved for furture purposes   None														
Adapter cable for WS425 serial														
Adapter cable for WS425 analog frequency output			1											
RS485 Cable 2 m, cable connector, open leads on one end RS485 Cable 10 m, cable connector, open leads on one end Adapter cable for WS425 analog voltage output AWS520 cable 10 m, shield not connected to PE pin Adapter cable for WS425 analog voltage output AWS520 cable 10 m, shield not connected to PE pin BROSA analog cable 10 m, sable connector, open leads on one end Unuction Box with Cable 2 meters Cable 15 m, cable connector, open leads on one end ER Cable 26 m, cable 20 m			ut								-			
Adapter cable for WS425 analog voltage output		RS485 Cable 2 m, cable connector, open leads	on one end											
AWS520 cable 10 m, shield not connected to PE pin   ROSA analog cable 10 m, cable connector, open leads on one end   United by the cable of the ca			s on one end								•			
ROSA analog cable 10 m, cable connector, open leads on one end Junction Box with Cable 2 meters			pin											
Cable 15 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 26 m, cable connector, open leads on one end Cable 27 m, cable 28 m, cable 29 m, c		ROSA analog cable 10 m, cable connector, ope							С					
Cable 26 m, cable connector, open leads on one end  Mounting adapter Adapter 228869 only Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX60-POM Adapter 228869 with WMT700FIX60-POM Adapter 228869 with WMT700FIX60-RST Adapter 2288777 only (used for old WS425 FIX30/60)  Standard adapter with general purpose fix Adapter 228869 with WMT700FIX60-RST Adapter 228777 only (used for old WS425 FIX30/60)  WS425 compatible adapter, no fix  E  Accessories None Bird cage  None Bird cage  None English Japanese Chinese			and											
Mounting adapter Adapter 228869 only Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX60-POM Adapter 228869 with WMT70FIX60-POM Adapter 228869 with WMT70FIX60-RST Standard adapter with plastic fix for 60 mm pole Adapter 228777 only (used for old WS425 FIX30/60) WS425 compatible adapter, no fix     Power - Reserved for furture purposes None   None   Bird cage														
Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX70 (suitable also for inverted mounting) Adapter 228869 with WMT70FIX60-POM Standard adapter with plastic fix for 60 mm pole C Adapter 228869 with WMT700FIX60-POM Standard adapter with plastic fix for 60 mm pole D Adapter 2288777 only (used for old WS425 FIX30/60)  WS425 compatible adapter, no fix     Accessories	10	Mounting adapter									•			
Adapter 228869 with WMT700FIX60-POM   Standard adapter with plastic fix for 60 mm pole   C   Adapter 228869 with WMT700FIX60-RST   Standard adapter with stainless steel fix for 60 mm pole   D   D   Adapter 228777 only (used for old WS425 FIX30/60)   WS425 compatible adapter, no fix   E			- factors to t	>										
Adapter 228869 with WMT700FIX60-RST			o for inverted mounti	ng)						nle				
11       Power - Reserved for furture purposes None       1         12       Accessories None Bird cage       A A Bird cage         13       Manual None English Japanese Chinese       1														
None   1		Adapter 228777 only (used for old WS425 FIX3)	0/60)											
Accessories	11											1		
None   Rid cage   Ri	12											1	J	
13 Manual None English Japanese Chinese  Manual  1  1  1  1  1  1  1  1  1  1  1  1  1		None												
None 1 English 2 Japanese 3 Chinese 4	40													
English Japanese Chinese 4	13													1
Japanese Chinese 4														
		Japanese												3
Tuesiaii 5														
		russiaii												o

For freezing conditions select appropriate combination of heating and temperature ranges.

Acce	essories		
	Tool	Verifier Cable Tightener Tool	WMT70Verifier 237888SP
		Cable righterer 1001	23700001
	Bird	Bird cage	WMT70BirdKit
		Bird perch	WS425BirdPerch
	Cable	Cable connector	WMT70Conn
		Cable 2 m, cable connector, open leads on one end	227567SP
		Cable 10 m, cable connector, open leads on one end	227568SP
		Cable 15 m, cable connector, open leads on one end	237890SP
		Cable 26 m, cable connector, open leads on one end	237889SP
		RS485 Cable 2 m, cable connector, open leads on one end	228259SP
		RS485 Cable 10 m, cable connector, open leads on one end	228260SP
		MAWS cable 10 m	227565SP
		AWS520 cable 10 m, shield connected to PE pin	229807SP
		AWS520 cable 10 m, shield not connected to PE pin	227566SP
		ROSA analog cable 10 m, cable connector, open leads on one end	231425SP
		Adapter cable for WS425 serial	227569SP
		Adapter cable for WS425 analog frequency output	227570SP
		Adapter cable for WS425 analog voltage output	227571SP
		Junction Box with Cable 2meters	ASM210719SP
	Mounting	WMT700 Mounting Accessories:	
		Adapter for FIX70	228869
		Fix70 (suitable also for inverted mounting)	WMT70FixSP
		Mounting adapter 60mm POM	WMT700FIX60-POM
		Mounting adapter 60mm RST	WMT700FIX60-RST
		Cross-arm (40x40x850mm)	WMT70CROSSARM
		WS425 Mounting Accessories:	
		Adapter for old WS425 FIX30/60	228777
		FIX30	WS425Fix30
		FIX60	WS425Fix60
		Sensor support arm for 60mm pole (655mm with integrated fix for item 228777)	WAC425