



WMT700 Ultrasonic Wind Sensor WMT700 Series

Type	Options	1	2	3	4	5	6	7	8	9	10	11	12	13
Measurement Range	0...40 m/s	1												
	0...65 m/s	2												
	0...75 m/s	3												
	0...90 m/s	4												
	0...40 m/s + Accredited Wind Calibration	A												
	0...65 m/s + Accredited Wind Calibration	B												
	0...75 m/s + Accredited Wind Calibration	C												
Temperature Range	-10...+60 °C		A											
	-40...+60 °C		B											
	-55...+70 °C		C											
	Production validation for WMT700 (For Internal Use)	V												
Heating	No Heating			1										
	Transducer Heating			2										
	Transducer and Arm Heating			3										
	Transducer, Arm and Body Heating			4										
Digital Communication Interface	Isolated Serial Output RS485				A									
	Isolated Serial Output RS422				B									
	Isolated Serial Output RS232				C									
	Isolated Serial Output SDI-12				D									
Digital Communication Profile	WMT700 Default					0								
	WS425 ASCII					1								
	WS425 NMEA Extended					2								
	WS425 SDI-12					3								
	WS425 ASOS					4								
	ROSA MES12					5								
	Non-Federal AWOS					6								
	Federal AWOS					7								
	AWS520 NMEA Extended					8								
	Low Power Mode for AWS310					9								
	MARINE 1 NMEA Extended Compatible with Vaisala WID411/511 Display					A								
	MARINE 2 NMEA Standard, Compatible with Marine Display					B								
AW20 NMEA Standard					F									
Digital Communication Units	Output Unit M/S						A							
	Output Unit KNOTS						B							
	Output Unit MPH						C							
	Output Unit KM/H						D							
Analog Output Signals for Wind Speed Channel	Analog Output Disabled for Wind Speed							0						
	Voltage Output 100 mV/m/s							1						
	Current Output 4...20 mA							3						
	Current Output 0.2 mA/m/s							4						
	Frequency Output 10 Hz/m/s							6						
	WS425-Voltage Output 8 mV/MPH							7						
	WS425-Frequency Output 5 Hz/MPH							8						
	Pull Up Frequency Output 10 Hz/m/s (PNP)							A						
	Pull Down Frequency Output 10 Hz/m/s (NPN)							B						
Analog Output Signals for Wind Direction Channel	Analog Output Disabled for Wind Direction								0					
	Voltage Output 20mV/Deg								A					
	Current Output 50uA/Deg								D					
	Current Output 4...20 mA 44.444 uA/Deg								E					
	Potentiometer Output (WS425)								F					
Cable	No Cable										1			
	Standard Cable 2 m, cable connector, open leads on one end										2			
	Standard Cable 10 m, cable connector, open leads on one end										3			
	MAWS Cable 10 m										4			
	RS485 Cable 2 m, cable connector, open leads on one end										8			
	RS485 Cable 10 m, cable connector, open leads on one end										9			
	Junction Box with Cable 2m RS422										D			
	Standard Cable 15 m, cable connector, open leads on one end										E			
	Standard Cable 26 m, cable connector, open leads on one end										F			
	Hybrid Cable 2 m Cable Connector, Open Leads on One End										G			
	Hybrid Cable 10 m Cable Connector, Open Leads on One End										H			
	Hybrid Cable 15 m Cable Connector, Open Leads on One End										J			
	Hybrid Cable 26 m Cable Connector, Open Leads on One End										K			

