



Meteorological Measurement Systems

PARAMETER	MET4A		MET4	
PRESSURE				
Range	500 to 1100 hPa (7 to 16 psia)		500 to 1100 hPa (7 to 16 psia)	
Maximum Pressure	1240 hPa (18 psia)		1240 hPa (18 psia)	
Accuracy *	Better than ± 0.08 hPa over full range		Better than ± 0.08 hPa over full range	
Stability	Better than 0.1 hPa per year		Better than 0.1 hPa per year	
Resolution	Better than 0.001 hPa		Better than 0.001 hPa	
TEMPERATURE				
Range	-50°C to +60°C (-58 °F to +140°F)		-50°C to +60°C (-58°F to +140°F)	
Resolution	Better than 0.01°C		Better than 0.01°C	
Accuracy	Better than ± 0.2 °C		Better than ± 0.5 °C	
HUMIDITY				
Range	0 to 100%		0 to 100%	
Accuracy	Better than $\pm 2\%$ RH at 25°C		Better than $\pm 2\%$ RH at 25°C	
Saturation Recovery Time	20 Seconds or less - Fan-Aspirated		Not Fan-Aspirated	
CHARACTERISTICS				
Integrated Package	Yes		Yes	
Instrument Status LEDs	Yes (Power, Transmit, Receive)		Yes (Power, Transmit, Receive)	
Pressure Port	High Performance "DigiPort"		High Performance "DigiPort"	
Fan-Aspiration Air Flow Rate	3 m/s		N/A	
Weight	9.4 lb (4.26 Kg)		7.3 lb(3.31Kg)	
Input Voltage	11 VDC to 14 VDC		5 VDC to 16 VDC	
Current Consumption (@ +7 VDC)	225 mA Typical		35 mA Typical	
ORDERING INFORMATION				
	MET4A (Fan-Aspirated)		MET4	
Description	Model #	Part #	Model #	Part #
Standard Configuration	MET4A	1561-001	MET4	1560-001
With Barometric Functions	MET4A-B	1561-101	MET4-B	1560-101
With Data Logging	MET4A-D	1561-201	MET4-D	1560-201
With Barometric Functions and Data Logging	MET4A-BD	1561-301	MET4-BD	1560-301
CE Mark	INCLUDED		INCLUDED	

NOTE: This document is for information purpose only. Please check with the factory for current pricing, datasheet and specifications.

* Include pressure hysteresis, repeatability, linearity and temperature conformance



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