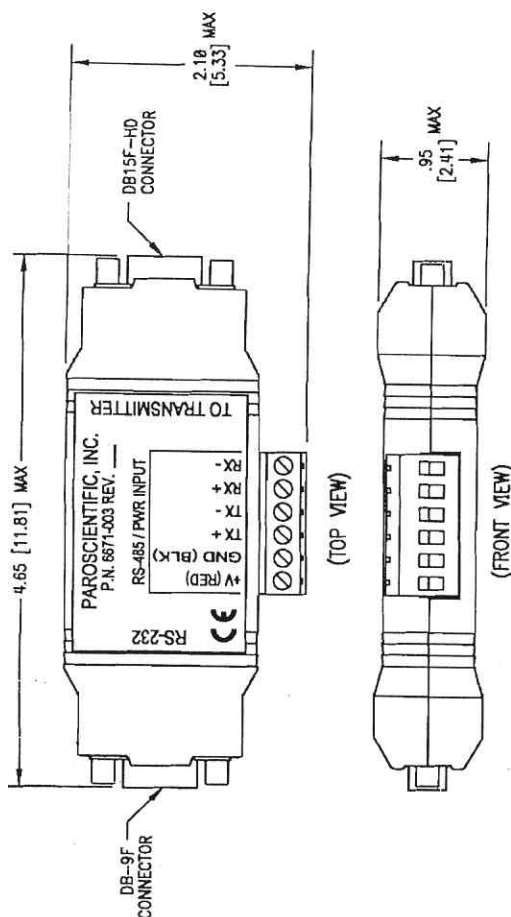


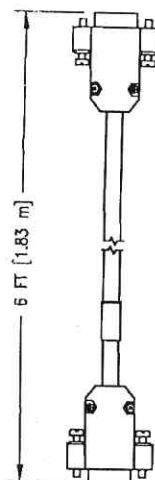
STANDARD PRODUCT



POWER ADAPTER MODULE

POWER SUPPLY INPUT CONNECTOR KIT

1 EA - NEMA 1-15P, 2 PINS (NORTH AMERICA, JAPAN)
1 EA - AS3112, 2 PINS (AUSTRALIA)
1 EA - BS 1363, 2 PINS (UK, HONG KONG, SINGAPORE)
1 EA - EUROPLUG 2 PINS (EUROPE, SOUTH AMERICA)



KIT PART NUMBERS	
KIT PART NO.	MET4 CABLE LENGTH
2367-003	3 METERS
2367-005	5 METERS
2367-010	10 METERS
2367-020	20 METERS
2367-030	30 METERS

1 IF DC POWER SUPPLY IS NOT USED, REFER TO MET4 OR MET4A SCD FOR PROPER POWER SUPPLY REQUIREMENT.

2. THE KIT INCLUDES: POWER ADAPTER MODULE, DC POWER SUPPLY AND POWER SUPPLY INPUT CONNECTOR KIT, DB-9 MALE/FEMALE CABLE, AND MET4/MET4A CABLE.

CURRENT APPROVALS NAME DATE Raul Collado 9/7/10 [Signature] 9/7/10 [Signature] 9/7/10 [Signature] 9/7/10		DATE 9/7/10 9/13/10 9/16/10		Paroscientific, Inc. 4200 145th Avenue NE Redmond, WA 98072 425.863.7198 Fax 425.867.5487 10000 10000		DESCRIPTION CABLES AND POWER ADAPTER, METH/METHA KIT.		SIZE DATE A 54535 7628-003		REV DOCUMENT NUMBER A 7628-003		SCALE NONE SHEET 1 OF 1	
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SPECIFICATION CONTROL DRAWING

STANDARD PRODUCT

MODEL NO.	PART NO.	FEATURES
MET14	1564-301	ASPIRATED STANDARD CONFIGURATION

PERFORMANCE:

PRESSURE:

RANGE 500 hPa to 1100 hPa (7 PSIA to 16 PSIA)

MAXIMUM PRESSURE 1290 hPa (18 PSIA)

ACCURACY, INCLUDING PRESSURE HYSTERESIS, REPEATABILITY, LINEARITY AND TEMPERATURE CONFORMANCE BETTER THAN ± 0.08 hPa

STABILITY BETTER THAN 0.1 hPa PER YEAR

RESOLUTION BETTER THAN 0.001 hPa

TEMPERATURE SENSOR:

RANGE -40°C TO $+60^{\circ}\text{C}$ (-40°F TO $+140^{\circ}\text{F}$)

ACCURACY BETTER THAN $\pm 0.1^{\circ}\text{C}$ ($\pm 0.2^{\circ}\text{F}$) AT 23°C (73°F)

RESOLUTION BETTER THAN 0.01°C (0.02°F)

RELATIVE HUMIDITY SENSOR:

RANGE 0 TO 100%

ACCURACY BETTER THAN $\pm 0.8\%$ RH AT 23°C (73°F)

SATURATION RECOVERY TIME ≤ 20 SECONDS

CHARACTERISTICS:

OPERATING TEMPERATURE RANGE -40°C TO $+60^{\circ}\text{C}$ (-40°F TO $+140^{\circ}\text{F}$)

OPERATES FROM $+11$ VDC MIN TO $+14$ VDC MAX.

OPERATING SUPPLY CURRENT:

RESOLUTION	MAXIMUM	TYPICAL (22°C/120°C)
STANDARD	270 mA	220 mA
NANO	310 mA	250 mA

ASPIRATION FLOW RATE 3 METERS/SEC MINIMUM

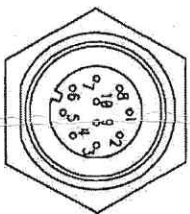
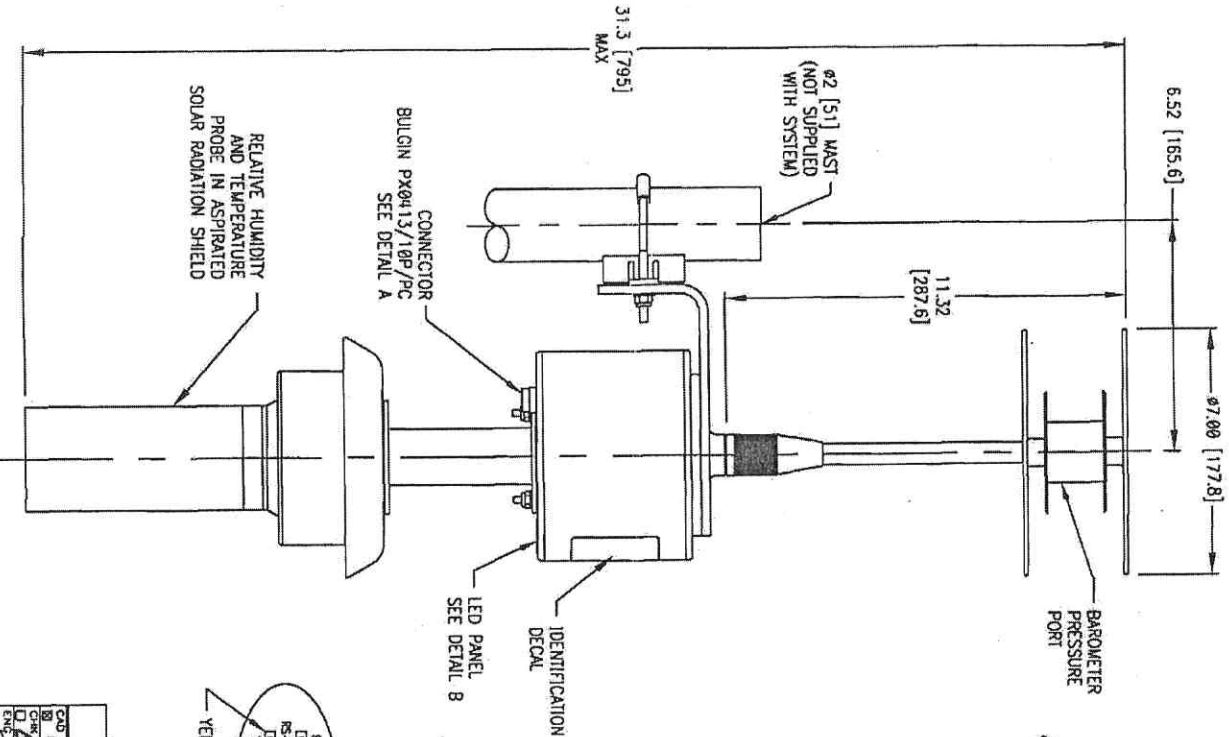
WEIGHT 9.4 LB (4.26 KG) MAX

COMMUNICATIONS:

RS-232/RS-485 COMMUNICATIONS PORTS MEETS EIA/TIA-232/485 SPECIFICATIONS.

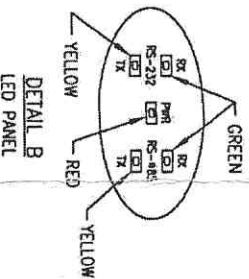
NOTES:

1. OPTIONS: A. MODEL 715 DISPLAY. SEE SCD 7295-001.
B. CABLE AND POWER ADAPTER KIT. SEE SCD 7628-003.
C. RH AND TEMPERATURE PROBE REPLACEMENT KIT. SEE SCD 7628-015.
D. FAN REPLACEMENT KIT. SEE SCD 7628-004.
2. PRODUCT IS CE CERTIFIED.
3. OPERATIONS MANUAL 8008-001 CAN BE DOWNLOADED FROM PAROSCIENTIFIC WEBSITE.



DETAIL A
CONNECTOR PIN-OUT

PIN	SIGNAL
1	RS-485 TX+
2	RS-485 TX-
3	RS-485 RX+
4	RS-485 RX-
5	RS-232 TX
6	RS-232 RX
7	POWER
8	CHASSIS GROUND
9	GROUND
10	GROUND



DETAIL B
LED PANEL

CURRENT APPROVALS				DESCRIPTION	
NAME	DATE	NAME	DATE	DESCRIPTION	REVISION
Bob Raul Collado	11/19/19	Paroscientific, Inc.	12/3/19	MET14 ASPIRATED METEOROLOGICAL MEASUREMENT SYSTEM	REV
Paroscientific, Inc.	12/3/19	Paroscientific, Inc.	12/3/19	DOCUMENT NUMBER	D
ED NO/EFFECTIVE DATE: 8409		MOD FILENAME: 7628-012		SCALE: NONE	SHEET 1 OF 1