



PRODUCT DATA SHEET

WPM11714

Instantaneous & Simultaneous

- Local and/or Remote Monitoring
- Forward Power Reading/Monitoring (Watts or dBm)
- Reverse Power Reading/Monitoring (Watts or dBm)
- VSWR Readings (Watts, Return Loss, Rho)

VSWR Alarm

- Customer can set up audio/visual alarm via relay contacts.
- Signal sent to closed loop.

Temperature Monitoring (with alarm)

- One sensor, internal measurement, within Power Meter.
- One sensor, external measurement, to be placed by customer.

General Purpose Inputs (6 ea) Multiple Use

- Track switch closures (assign to interlock group).
- Trigger alarm relay (sends email alert).
- RF presence status/alarm (safety feature).
- Alarm, activated switch.

Accessories:

- Single Channel and Multi-Channel Displays
- RF Digital Dashboard Spreadsheet Software, (Simultaneously Monitor Outputs of 30+ Power Meters)
- PC Based Graphical User Interface Windows XP/7/8/10 Compatible

Electrical Specifications:

Frequency: 2 - 45 MHz
 Power: 25,000 W CW

Accuracy:

- $\pm 2\%$ to Customer Calibration Standard, at preselected frequencies.
- $\pm 5\%$ over a Multi-Octave Bandwidth
- Werlatone Calibration Traceable to (NIST) National Institute of Standards and Technology

Power:

- AC Power Adapter (100/240 50-60 Hertz V AC)
- POE (Passive Over Ethernet, Optional POE Injector Kit Available)
- Via RS485 (Via Single Channel or Multi-Channel Displays)

Interface (Via):

- TCP/IP - SNMP and Browser Interface via Local Area Network
- RS232, Serial
- RS485 - Form Addressable Serial Network
- User ID and Password Protected for Access and Control
- Multiple units can be Networked and Simultaneously Monitored On-Site or Remotely (TCP/IP/SNMP/Serial)

RoHS Compliant Design Available
 Custom Connector Configurations Available

Mechanical Specifications:

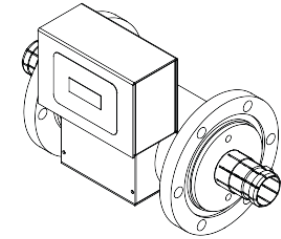
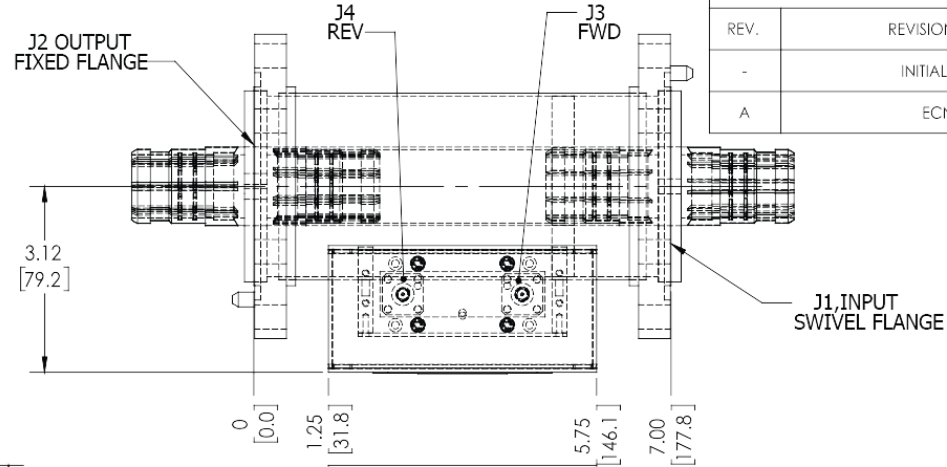
Type: Connectorized
 Operating Temperature: -55°C to +75°C
 Storage Temperature: -60°C to +85°C

Connector Configurations:

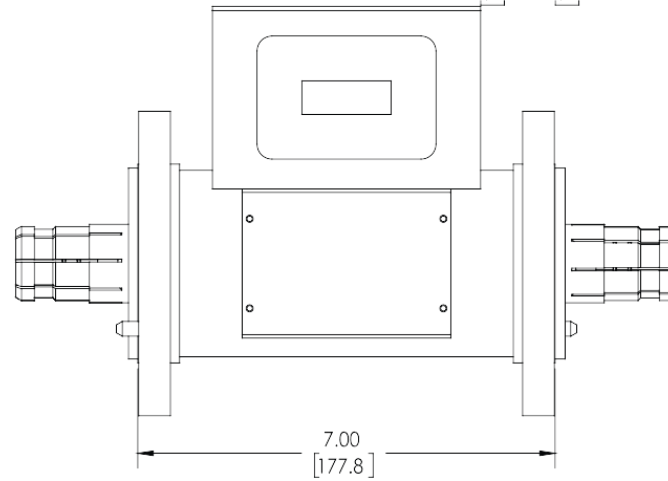
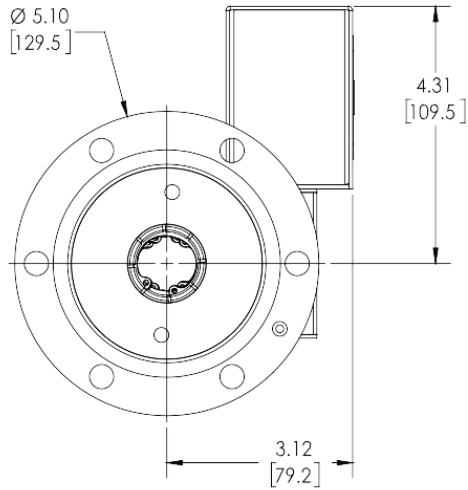
Model	Input(J1)	Output(J2)
WPM11714-93	3 1/8" EIA	3 1/8" EIA

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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	7/24/2015	CS
A	ECN 9654	9/7/2018	CS



VIEW FOR REFERENCE ONLY



- NOTES: UNLESS OTHERWISE SPECIFIED**
- MAT'L: CUSTOM 3 1/8 EIA TRANSMISSION LINE SECTION WITH CAPTIVATED MAINLINE**
 - CONNECTORS: J1- J2: 3 1/8 (FEMALE)
J3- J4: SMA (FEMALE)**
 - DEBURR AND BREAK ALL SHARP EDGES**

UNLESS OTHERWISE SPECIFIED		DWN	PLP	DATE	7/24/2015	WERLATONE SINCE 1965 17 Jon Barrett Rd Patterson, NY 12563			
• INTERPRET DRAWING (AWW PML 510-100) • DIMENSIONING PER ASME Y14.5M-2009 • PARENTHESES FOR REF ONLY • DIMENSIONS ARE IN INCHES (mm) • DIMENSIONAL LIMITS APPLY BEFORE PROCESSES • TOLERANCES: • ANGLES ± 2° • 3 PL. ± .005 (13) • 2 PL. ± .015 (4) • REMOVE ALL BURRS AND CHAMP EDGES 0.01 MAX • CONCENTRICITY MACHINED DIA. .002 FIM • MACHINE TOOL RESIDUAL: .003 MAX		CHK	CS	DATE			TITLE	OUTLINE	
WPM11514		ENGR		DATE		SIZE	CAGE CODE	DWG NO	REV
NEXT ASSY	USED ON	QA		DATE		B 28812		21340-501	A
APPLICATION		RLSE		DATE		SCALE	1:4		SHEET 1 OF 1

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