



**PRODUCT DATA SHEET**

**WPM11199**

**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: 1.5 - 32 MHz  
 Power: 10,000 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:**

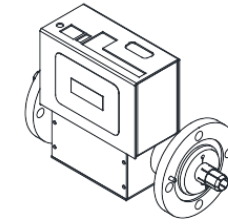
Model	Input(J1)	Output(J2)
WPM11199-83	1 5/8" EIA	1 5/8" EIA

**RESTRICTION ON USE, DUPLICATION OR DISCLOSURE OF PROPRIETARY INFORMATION**  
 This document contains proprietary information which is the sole property of Werlatone, Inc.

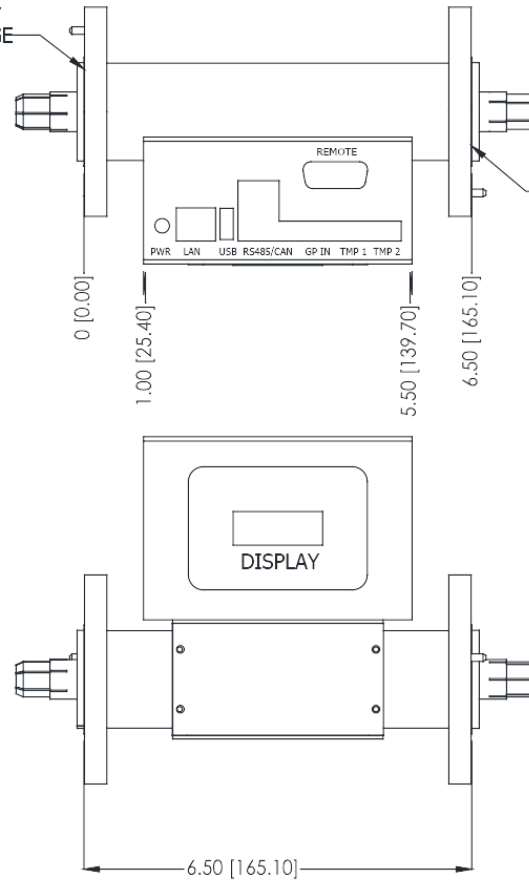
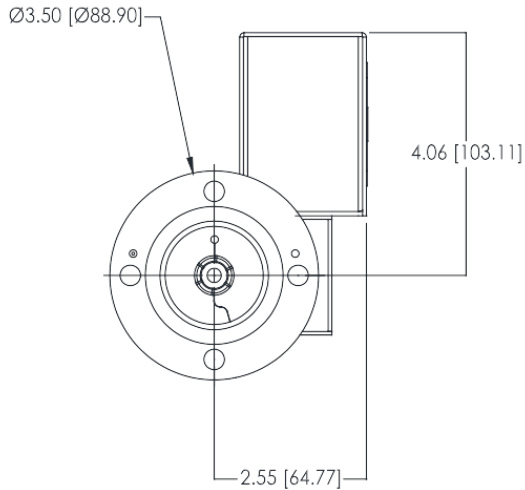
REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	7/6/2020	CS
A	ECN 9965	9/29/2020	CS

J1  
INPUT ONLY  
FIXED FLANGE

J2  
OUTPUT ONLY  
SWIVEL FLANGE



VIEW FOR REFERENCE ONLY



**NOTES: UNLESS OTHERWISE SPECIFIED**  
**1. CONNECTORS: J1-J2 1 5/8 (EIA)**

UNLESS OTHERWISE SPECIFIED		OWN	DATE	WERLATONE SINCE 1965 17 Jon Barrett Rd Patterson, NY 12563
<ul style="list-style-type: none"> <li>• INTERPRET DRAWING DAW MSL-STD-100</li> <li>• DIMENSIONS PER ASME Y14.3M-2009</li> <li>• PARENTHETICAL DIMS FOR REF ONLY</li> <li>• DIMENSIONS ARE IN INCHES (mm)</li> <li>• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES</li> <li>• TOLERANCES:               <ul style="list-style-type: none"> <li>ANGLES ± .2°</li> <li>2 PL ± .001 L11</li> <li>2 PL ± .015 L-9</li> </ul> </li> <li>• REMOVE ALL RISERS AND SHARP EDGES R.01 MAX</li> <li>• CONCENTRICITY MACHINED DIA: .000 FDM</li> <li>• MACHINE TOOL REPAIRS .003 MAX</li> </ul>		PLP	7/24/2015	
		CHK	DATE	TITLE
		CS	7/6/2020	
		ENGR	DATE	SIZE CAGE CODE DWG NO <b>B 28812 21340-505</b>
		WGR	DATE	
		QA	DATE	A
		REL	DATE	SCALE
NEXT ASSY WPM11073 USED ON APPLICATION		THIRD ANGLE PROJECTION		1:2
				SHEET 1 OF 1

Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.  
 Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com