



**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 (saftey 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

**Connector Configurations:**

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

**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:**

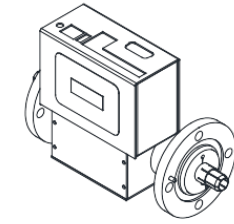
Type: Connectorized  
 Operating Temperature: -55°C to +75°C  
 Storage Temperature: -60°C to +85°C

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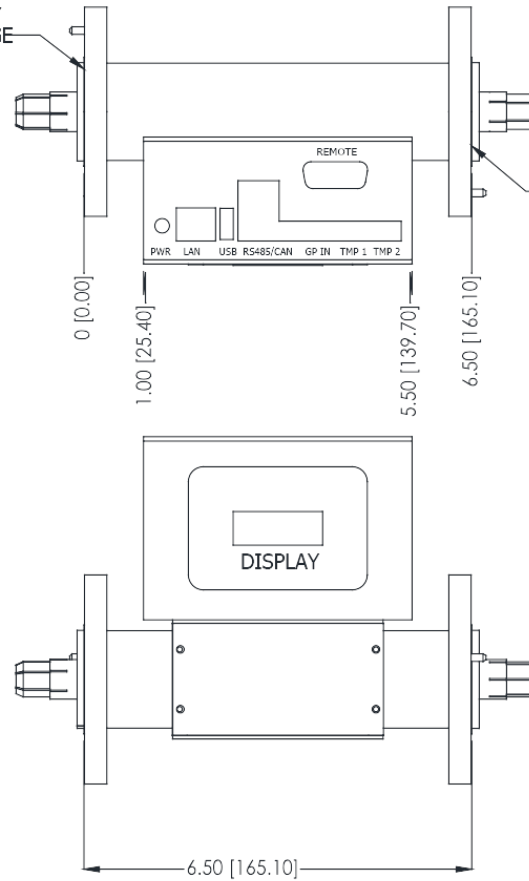
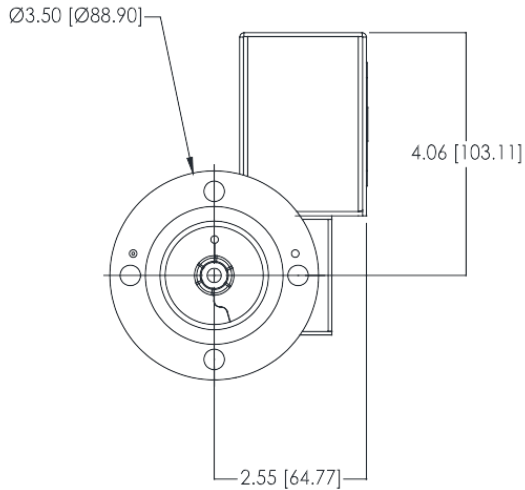
REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	7/6/2020	CS
A	ECN 9965	9/29/2020	CS

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 (L1)</li> <li>2 PL ± .015 (L1)</li> </ul> </li> <li>• REMOVE ALL RISERS AND CHAMF EDGES R.01 MAX</li> <li>• CONCENTRICITY MACHINED DIA: .000 FDM</li> <li>• MACHINE TOOL REPEATACH .003 MAX</li> </ul>		PLP	7/24/2015	
		CHK	DATE	TITLE <b>OUTLINE</b>
		CS	7/6/2020	
		ENGR	DATE	SIZE CAGE CODE DWG NO <b>B 28812 21340-505</b>
		WGR	DATE	
		QA	DATE	SCALE <b>1:2</b>
		RELE	DATE	
APPLICATION WPM11073 NEXT ASSY USED ON		THIRD ANGLE PROJECTION		REV <b>A</b>
				SHEET 1 OF 1

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