



## 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

### 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

### Electrical Specifications:

Frequency: 1.5 - 32 MHz  
Power: 10,000 W CW

### 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

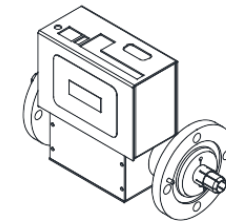
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J1  
INPUT ONLY  
FIXED FLANGE

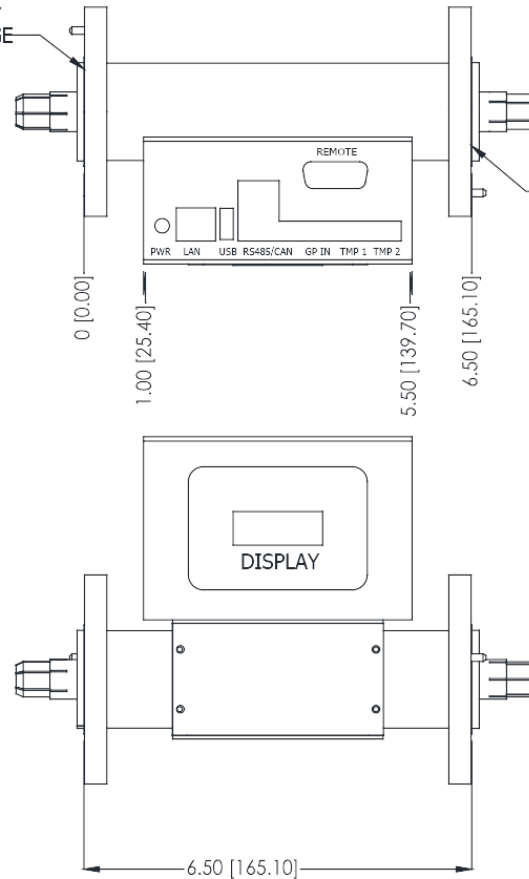
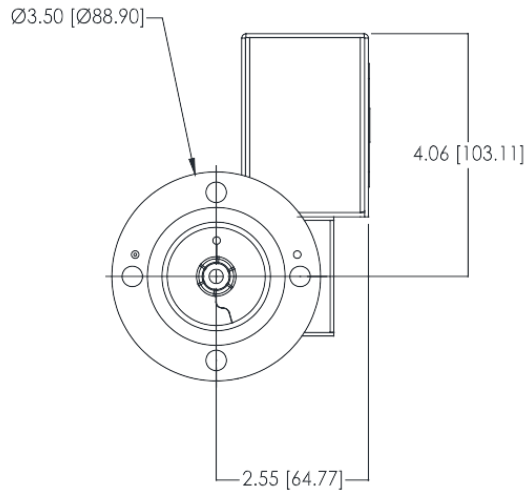
J2  
OUTPUT ONLY  
SWIVEL FLANGE

# REVISION HISTORY



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



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	
		• INTERPRET DRAWING PER MSL STD-100		PLP	7/24/2015			
		• CONFORM TO PER ASME Y14.3M 2009		CHK	DATE			
		• DIMENSIONS ARE IN INCHES (mm)		CS	7/6/2020		TITLE	OUTLINE
		• DIMENSIONS ARE IN INCHES (mm)		ENGR	DATE			
		• TOLERANCES:		INGR	DATE			
		• ANGLES ± 2°					SIZE	CAGE CODE DWG NO
		2 PL ± .005 (1/1)				B 28812	21340-505	
		2 PL ± .015 (1/4)		QA	DATE		REV	
		• REMOVE ALL BURS AND SHARP EDGES 0.01 MAX					A	
		• CONCENTRICITY MACHINED DIA: .002 FDM						
		• MACHINE TOOL DISPATCH .002 MAX		RLSE	DATE	SCALE	1:2	
NEXT ASSY		WPM11073 USED ON				SHEET 1 OF 1		
APPLICATION		THIRD ANGLE PROJECTION						

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