



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

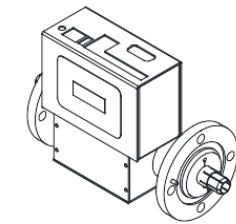
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J1
INPUT ONLY
FIXED FLANGE

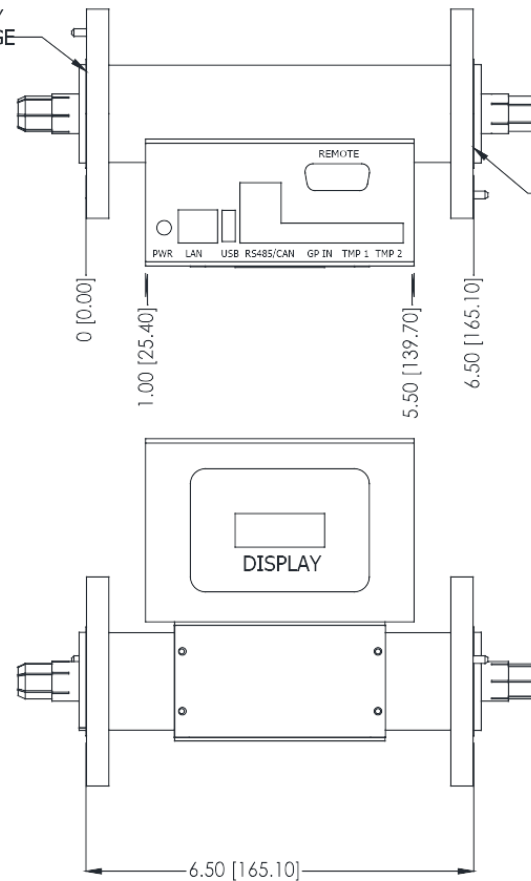
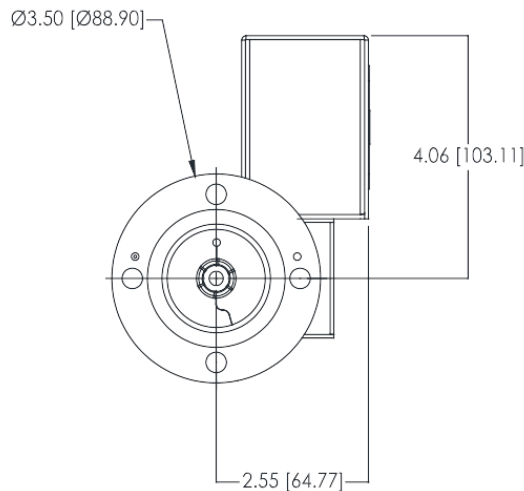
J2
OUTPUT ONLY
SWIVEL FLANGE

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		TITLE OUTLINE	REV A
		• CONFORMING PER ASME Y14.3M 2009		CHK	DATE			
		• DIMENSIONAL INFO FOR REF ONLY		CS	7/6/2020			
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		ENGR	DATE			
		• TOLERANCES:						
		ANGLES ± 2°						
		2 PL ± .005 (1/1)						
		2 PL ± .015 (1/4)		INGR	DATE			
		• REMOVE ALL BURS AND SHARP EDGES 0.01 MAX		QA	DATE	SIZE	CAGE CODE	DWG NO
		• CONCENTRICITY MACHINED DIA: .002 FDM				B 28812	21340-505	
		• MACHINE TOOL REPAIR .003 MAX		RLSE	DATE	SCALE	1:2	SHEET 1 OF 1
NEXT ASSY		WPM11073 USED ON						
APPLICATION		THIRD ANGLE PROJECTION						

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Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com