



## PRODUCT DATA SHEET

WPM11667

### 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: 900 - 930 MHz  
Power: 5000 W CW

### Connector Configurations:

| Model       | Input(J1)  | Output(J2) |
|-------------|------------|------------|
| WPM11667-83 | 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:

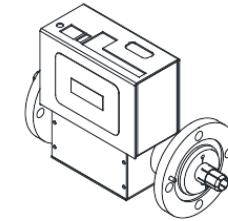
Type: Connectorized  
Operating Temperature:  $-55^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$   
Storage Temperature:  $-60^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

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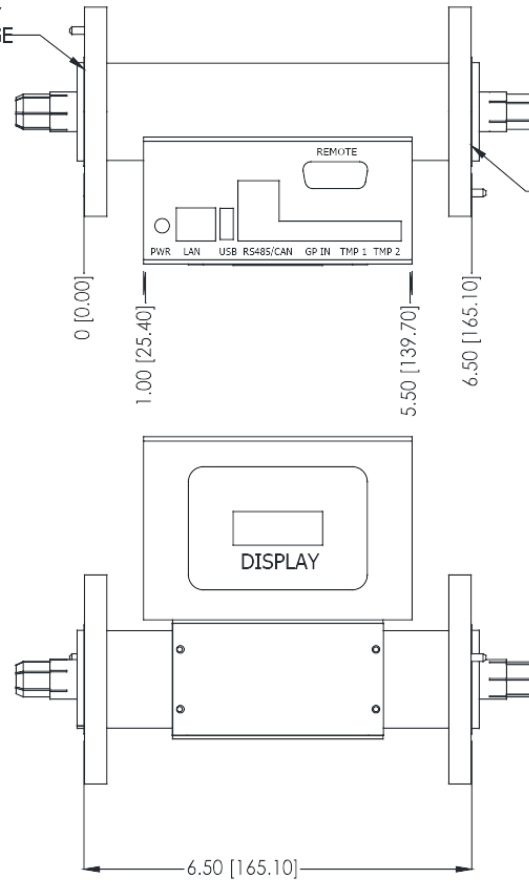
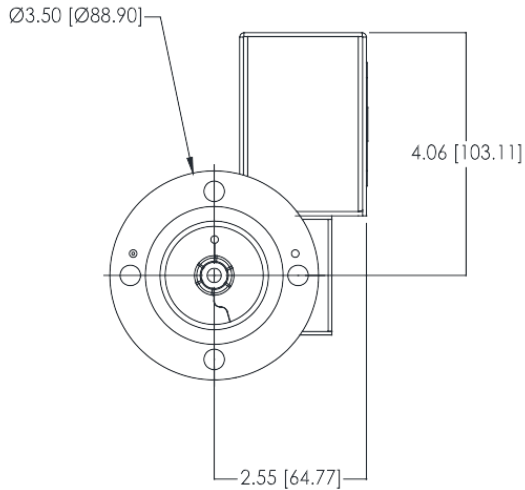
| REVISION HISTORY |                 |           |          |
|------------------|-----------------|-----------|----------|
| REV.             | REVISION RECORD | DATE      | APPROVED |
| -                | INITIAL RELEASE | 7/6/2020  | CS       |
| A                | ECN 9965        | 9/29/2020 | CS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

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<br>17 Jon Barrett Rd<br>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 (L)</li> </ul> </li> <li>• REMOVE ALL RISERS AND CHAMF EDGES R.01 MAX</li> <li>• CONCENTRICITY MACHINED DIA: .000 FDM</li> <li>• MACHINE TOOL REWORK .003 MAX</li> </ul> |  | PLP  | 7/24/2015 |                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | CHK  | DATE      | TITLE                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | CS   | 7/6/2020  |                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ENGR | DATE      | SIZE                                                             |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | QA   | DATE      | DWG NO                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | REL  | DATE      | 28812                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |           | 21340-505                                                        |
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