



**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 (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: 900 - 930 MHz  
 Power: 5000 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:**

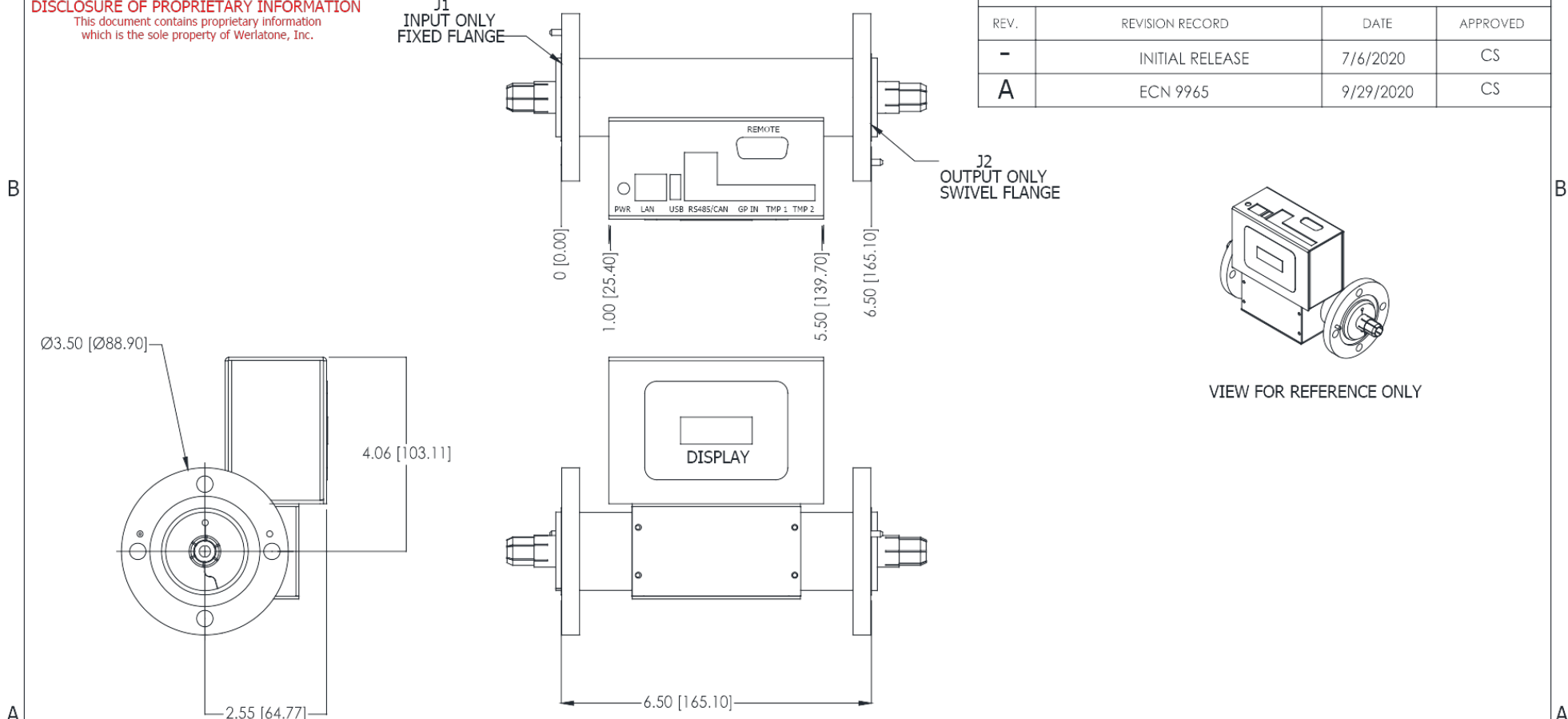
Type: Connectorized  
 Operating Temperature: -55°C to +75°C  
 Storage Temperature: -60°C to +85°C

**Connector Configurations:**

| Model       | Input(J1)  | Output(J2) |
|-------------|------------|------------|
| WPM11667-83 | 1 5/8" EIA | 1 5/8" EIA |

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



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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |      |           |                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-----------|-------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | OWN  | DATE      | <b>WERLATONE</b> 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 L11</li> <li>2 PL ± .015 L-4</li> </ul> </li> <li>• REMOVE ALL RISERS AND SHARP EDGES R.01 MAX</li> <li>• CONCENTRICITY MACHINED DIA: .000 FDM</li> <li>• MACHINE TOOL REPEAT .003 MAX</li> </ul> |  | PLP  | 7/24/2015 |                                                                         |
| NEXT ASSY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | CHK  | DATE      | TITLE<br><b>OUTLINE</b>                                                 |
| USED ON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ENGR | 7/6/2020  |                                                                         |
| APPLICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | WFGR | DATE      | SIZE CAGE CODE DWG NO<br><b>B 28812 21340-505</b>                       |
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QA   | DATE      |                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | RELE | DATE      | SCALE<br><b>1:2</b>                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |      |           | REV<br><b>A</b>                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |      |           | SHEET <b>1</b> OF <b>1</b>                                              |

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