ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:
1013 MILLIBAR, 25° C DRY AIR.

1. Output:
   13.0 to 17.0 mV

2. Operation:
   Temperature: 0° – 40° C
   Pressure: 600 – 1750 mBar
   Relative Humidity: up to 100% RH
   (Condensing atmosphere over several hours)

3. Storage Temperature Range:
   -20° to 60 °C
   5° to 30°C Recommended

4. Range of Measurement (Full Scale):
   0 to 100% oxygen

5. Zero Offset:
   Less than or equal to 0.20 mV when exposed to
   100% nitrogen for 5 minutes

6. 90% Response Time:
   Less than or equal to 13 seconds

7. Linearity:
   <3% error

8. Stability:
   Less than 1% of full scale over an 8 hour period
   between 20% and 100% Oxygen.

9. Repeatability:
   ±1% volume oxygen @ 100%
   applied for 5 minutes

10. Interference:
    Less than .5% oxygen response to 80% Nitrous oxide
    Less than .5% oxygen response to 7.5% Halothane
    Less than .5% oxygen response to 7.5% Isoflurane
    Less than .5% oxygen response to 7.5% Enflurane
    Less than .5% oxygen response to 9% Sevoflurane
    Less than .5% oxygen response to 20% Desflurane
    Less than .5% oxygen response to 10% Carbon Dioxide

11. Nominal Life:
    > 1,000,000 oxygen hours under normal operating conditions

12. Warm-up Time:
    Less than 30 minutes after replacement of sensor

13. Electrical Interface:
    R11501–001 and R11503 USE KOBIKON CONNECTOR P/N RM-558
    3.5 mm Male Phone Plug (Tip = Negative)
    attached to 26 AWG cable.

    R11503–002 USE SWITCHCRAFT P/N TR2A
    2.5 mm Female Phone Receptacle (Tip = Negative)
26 AWG, 2 CONDUCTOR CABLE
(LENGTH: 7-11 INCHES)

R115P01-001 AND R115P03
USES KOBICON CONNECTOR
**PIN LEGEND:**

<table>
<thead>
<tr>
<th>PIN</th>
<th>WIRE</th>
<th>FUNCTION</th>
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<tbody>
<tr>
<td>1</td>
<td>TIP</td>
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<tr>
<td>2</td>
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<td>S-</td>
</tr>
<tr>
<td>3</td>
<td>SLEEVE</td>
<td>WHITE</td>
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**R115P03-002**

USES SWITCHCRAFT TR2A OR EQUIVALENT CONNECTOR