ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS:

1013 MILLIBAR, 25°C DRY AIR.

1. Output:
   8.5 TO 11.5 mV @ dry ambient air

2. Operation:
   1. Temperature: 0° to 40° C
   2. Pressure Range: 750 to 1250 hPa
   3. Relative Humidity: Up to 100% Rh
      (Condensing atmosphere over several hours)

3. Storage Temperature Range:
   -20° to 50° C
   5° to 30° C Recommended

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

5. Zero Offset:
   <200 µV in 100% N₂, applied for 5 minutes

6. T90 Response Time:
   Less than or equal to 12 seconds

7. Linearity Error:
   ≤3% @ 100% O₂ applied for 5 min.

8. Stability:
   Less than 1% volume O₂/mnt @ air

9. Repeatability:
   ±1% Volume O₂ at 100% O₂, applied for 5 minutes

10. Interference: According to:
    DIN EN 12598 and
    ISO 7767

11. Nominal Sensor Life:
    >500,000% O₂ hours

12. Electrical Interface:
    Mat-~N~Lock 2 way; AMP 350777-1

13. Expected Operating Life:
    <3 years @ ambient air

14. Influence of Humidity:
    ~0.03% rel. O₂ reading per % RH

15. Recommended Load Resistor:
    ≥ 10 KOHM

16. Temperature Compensation:
    NTC

17. Shelf Life:
    > 6 months

18. Warranty:
    16 months
LENGTH CABLE COMPLETE 120mm

PLUS (+) BROWN

MINUS (–) BLACK

NOTES:
1. WEIGHT = APPROX 28g
2. MATERIAL IN CONTACT WITH MEDIA = PA, PPS, PTFE, STAINLESS STEEL
3. COLOR (HOUSING) = WHITE

MAT–N–LOCK 2 WAY