SPECIFICATIONS FOR MAX-23
PART # R116P06
BASED ON CONDITIONS AT 25°C, 50% RH AND 1013 hPa

KEY FEATURES

1. ELECTRICAL CONNECTOR: 3-PIN MOLEX
2. MEASUREMENT RANGE: 0 TO 100 VOL.%
3. NOMINAL SENSOR LIFE: > 500,000 VOL.% h
4. EXPECTED OPERATING LIFE: < 3 YEARS @ AMBIENT AIR
5. OUTPUT SIGNAL: 8.0 TO 12.5 mV @ DRY AMBIENT AIR
6. RESPONSE TIME (t½): 2.5 to 3.0 sec
7. RESPONSE TIME (t½): < 30 sec
8. DRIFT: < 15% VOLUME O₂ / MONTH @ AIR
9. OPERATING TEMPERATURE: 0-40°C
10. PRESSURE RANGE: 750 TO 1250 hPa
11. LINEARITY ERROR: < 3% @ 100% O₂ APPLIED FOR 5 MIN
12. ZERO OFFSET VOLTAGE: = 200 µV IN 100% N₂ APPLIED FOR 5 MIN
13. REPEATABILITY: ± 1% VOLUME O₂ @ 100% O₂ APPLIED FOR 5 MIN
14. INFLUENCE OF HUMIDITY: < 0.03% REL. O₂ READING PER % RH
15. RECOMMENDED LOAD RESISTOR: ≥ 10 kΩ
16. TEMPERATURE COMPENSATION: NTC
17. INTERFERENCE: ACCORDING TO DIN EN 12598 AND ISO 7767

STORAGE CONDITIONS

18. TEMPERATURE RANGE:
   a. RECOMMENDED: 5 TO 30°C
   b. MAXIMUM: -30 TO 50°C
19. HUMIDITY: UP TO 100% RH
20. SHELF LIFE: < 6 MONTHS
21. WEIGHT: APPROXIMATELY 24 g
22. MATERIAL IN CONTACT WITH MEDIA: PA, PPS, PTFE, STAINLESS STEEL
23. WARRANTY PERIOD: 24 MONTHS
24. HOUSING COLOR: WHITE

maxtec
MAX-23 SPECIFICATIONS

DRAWN BY: D. LYNN
CHECKED: D. LYNN
DRAWING NO.: R116P05
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SCALE: 1:1
SHEET 1 OF 1

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