ELECTRICAL INTERFACE

SPECIFICATION

RANGE OF MEASUREMENT: 0 TO 100%
OUTPUT RANGE: 14 TO 20 mV, WITH 300 OHM LOAD
ZERO OFFSET: ≤0.30 mV WHEN EXPOSED TO 100% NITROGEN
90% RESPONSE TIME: ≤17 SECONDS
LINEARITY: ≤3% FULL SCALE
DRIFT: ≤1% VOLUME O2 PER MONTH IN AIR
EXPECTED LIFETIME: ≥500,000 %O2 HOURS
TEMPERATURE COMPENSATION: NONE
OPERATIONAL TEMPERATURE RANGE: 10° TO 40°C
STORAGE TEMPERATURE RANGE: -20° TO 50°C
HUMIDITY RANGE: 0% TO 99% RH, NON-CONDENSING
AMBIENT PRESSURE RANGE: 700-1250mBAR
INTERFERENCE: PER EN ISO 80601-2-55
INFLUENCE OF HUMIDITY: ≤0.03%REL. O2 READING PER %RH
ELECTRICAL INTERFACE: GOLD PLATED SLIP RINGS

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS
25°C AND 1013 mBAR

maxtec®

SPECIFICATION
MAX-1 OXYGEN SENSOR

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
AND PER ANSI Y14.5-1982

ORIGINATOR: E. CUTLER
DATE: 1/24/97

D. PLOWMAN
1/28/16
M. POHLIKER
3/13/96
E. MEADS
2/8/16
M. SWANK
1/26/15

SIZE: R113P85
DWG. NO.: B
REV: F
SCALE: 2:1
SHEET: 1 OF 1