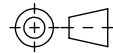


SPECIFICATION	
RANGE OF MEASUREMENT:	0 TO 100%
INITIAL OUTPUT:	9.0 TO 13.0 mV
OUTPUT RANGE:	5 TO 15 mV
ZERO OFFSET:	≤0.30 mV WHEN EXPOSED TO 100% NITROGEN
90% RESPONSE TIME:	≤12 SECONDS
LINEARITY:	≤3% FULL SCALE MAXIMUM ERROR
DRIFT:	≤1% PER MONTH, ACROSS 12 MONTHS
EXPECTED LIFETIME:	>750,000 %O <sub>2</sub> HOURS
TEMPERATURE COMPENSATION:	NTC
OPERATIONAL TEMPERATURE RANGE:	0° TO 40°C
STORAGE TEMPERATURE RANGE:	-20° TO 50°C
HUMIDITY RANGE:	0% TO 98% RH, NON-CONDENSING
AMBIENT PRESSURE RANGE:	600-1750mBAR
INTERFERENCE:	PER EN ISO 80601-2-55
INFLUENCE OF HUMIDITY:	-0.03%REL. O <sub>2</sub> READING PER %RH
ELECTRICAL INTERFACE:	3.5 MM MONO JACK
RECOMMENDED LOAD RESISTOR:	> 10 kΩ

ALL PRODUCT SPECIFICATIONS ARE APPLICABLE AT STANDARD CONDITIONS: 25°C, 50% RH, AND 1013 MBAR

TP-0001 REV 01

REVISION DETAIL		<b>mextec</b> <sup>®</sup> SALT LAKE CITY, UTAH		<b>SPECIFICATION, MAX-15M OXYGEN SENSOR</b>	
INITIAL RELEASE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND PER ASME Y14.5-2009		SIZE: <b>B</b> DWG. NO.: <b>R115P64</b> REV: <b>A</b>	
		.XX = ± .01    ANGLES ±0° 30'  .XXX = ± .005 .XXXX = ± .002		SCALE: 2:1    SHEET 1 OF 1	
		DRAWN BY: <b>B. FORET</b> DATE: <b>04/05/18</b>			

PROPRIETARY INFORMATION OF MAXTEC

## Signature Manifest

**Document Number:** R115P64

**Revision:** A

**Title:** Specification, MAX-15M Oxygen Sensor

All dates and times are in US/Mountain.

### Create MAX-15M Documentation

#### Doc Control Review

Name/Signature	Title	Date	Meaning/Reason
Lillian Erickson (LERICKSON)	QA/RA Director		In Process
Diana Larsen (DLARSEN)	Document Control Specialist	06 Apr 2018, 07:46:46 AM	Complete

#### Management Approval

Name/Signature	Title	Date	Meaning/Reason
Bill Brown (BBROWN)	Director of Manufacturing	06 Apr 2018, 08:19:38 AM	Approved
Robert Foret (BFORET)	Lead Manufacturing Engineer	06 Apr 2018, 08:24:52 AM	Approved
Lillian Erickson (LERICKSON)	QA/RA Director	06 Apr 2018, 11:06:32 AM	Approved
Scott Butler (SBUTLER)	Director of Operations	09 Apr 2018, 01:04:28 PM	Approved

#### Quality Approval

Name/Signature	Title	Date	Meaning/Reason
Lillian Erickson (LERICKSON)	QA/RA Director	09 Apr 2018, 06:55:20 PM	Approved

#### Training/Disposition

Name/Signature	Title	Date	Meaning/Reason
Diana Larsen (DLARSEN)			No Action
Brandy Brough (BBROUGH)			No Action