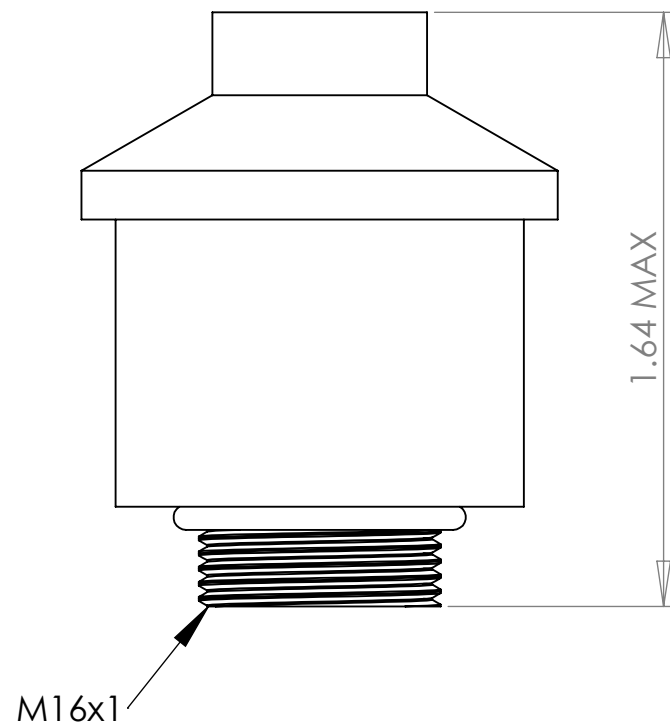
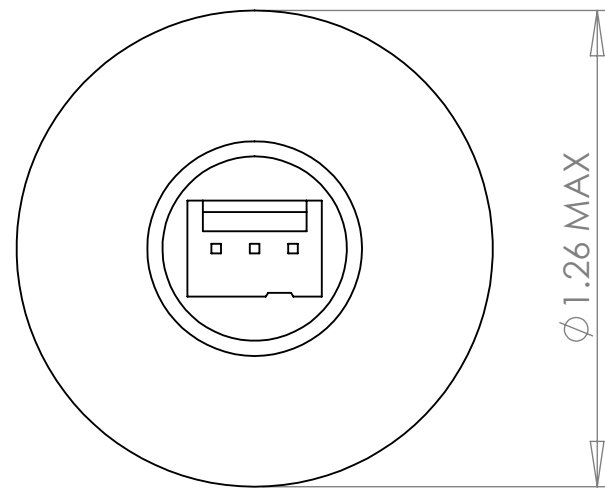
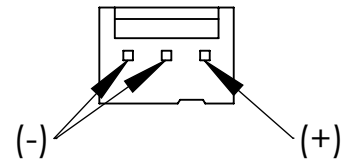


REVISIONS

REV	DCOS AFFECTING THIS DRAWING	DATE	APPROVED
A	INITIAL REL. DCO #1643	10/10/00	D. LARSEN
F	DCO # 6286 ADDED MATING CONNECTOR INFORMATION	10/23/17	D. LARSEN

ELECTRICAL INTERFACE



SPECIFICATION

RANGE OF MEASUREMENT:	0 TO 100%
OUTPUT RANGE:	9.0 TO 16.0 mV
ZERO OFFSET:	≤0.250 mV WHEN EXPOSED TO 100% NITROGEN
90% RESPONSE TIME:	≤12 SECONDS
LINEARITY:	≤3% FULL SCALE ERROR MAXIMUM
DRIFT:	≤1% VOLUME O2 PER MONTH IN AIR
EXPECTED LIFETIME:	>1,000,000 %O2 HOURS
TEMPERATURE COMPENSATION:	NTC
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:	3 PIN MOLEX (0022292031 or equivalent) GOLD PLATED
MATING ELECTRICAL CONNECTOR:	3 POS MOLEX (0022012037 or equivalent)

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

**AUTHORIZED COPY**  
**OCT 25 2017**  
EFFECTIVE DATE  
VALID ONLY IF THIS STAMP IS RED

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES AND PER  
ASME Y14.5-2009

.XX = ± .01 ANGLES  
.XXX = ± .005 ± 0°30'  
.XXXX = ± .002

ORIGINATOR  
D. LARSEN 10/9/00

AMENDED  
N. ARBANAS 10/19/17

CHECKED  
G. PEKAR 10/19/17

IS THIS A CRITICAL COMPONENT? CIRCLE Y OR (N) SEE COP2004 FOR DETAILS

**maxtec**<sup>®</sup>  
SALT LAKE CITY, UTAH

**SPECIFICATION MAX-16  
OXYGEN SENSOR**

SIZE	DWG. NO.	REV
<b>B</b>	<b>R114P71</b>	<b>F</b>

SCALE: 2:1

SHEET 1 OF 1

PROPRIETARY INFORMATION  
OF MAXTEC

Released

TP0031-001 REV A