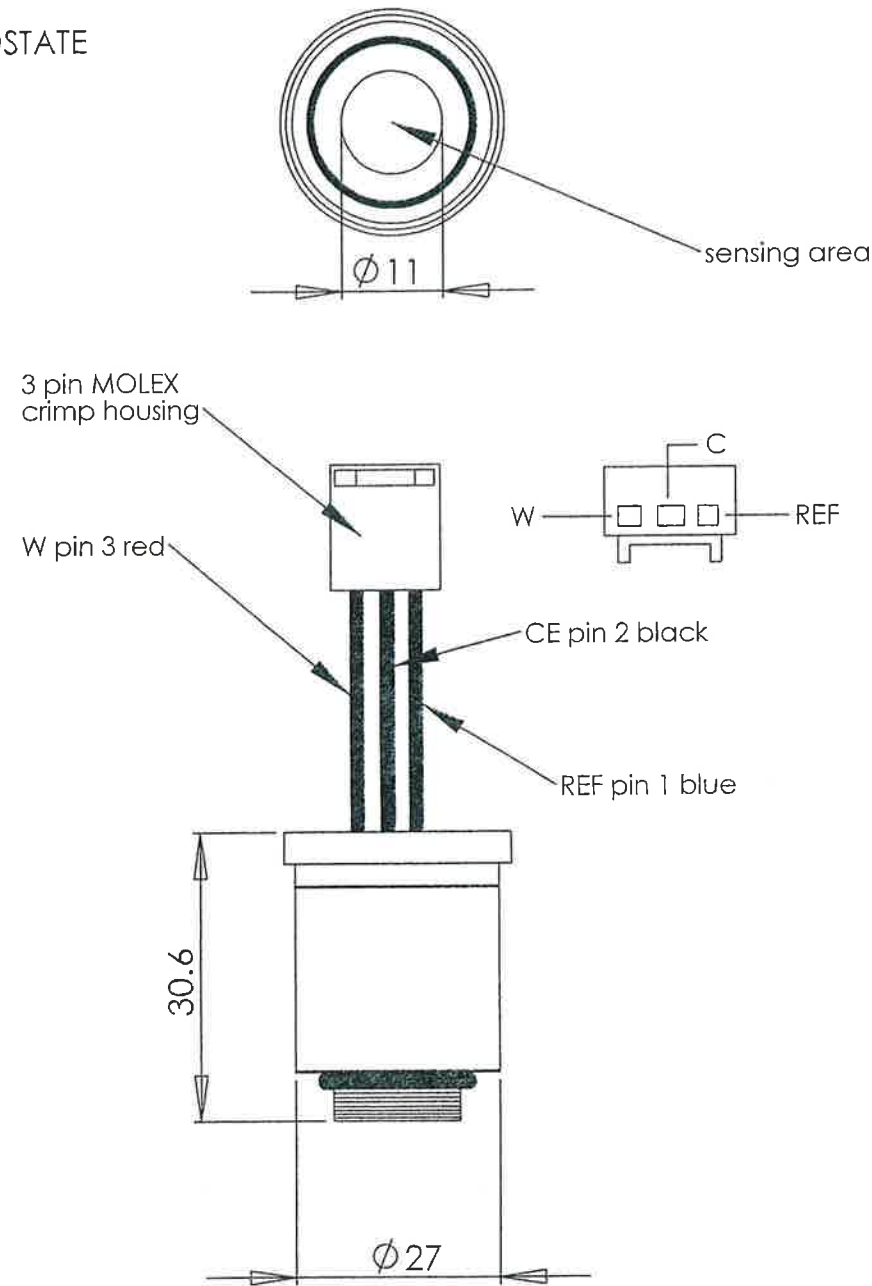


ALL CHARACTERISTICS ARE BASED ON CONDITIONS AT 25°C, 50% RH AND 1013 hPa

REVISIONS			
REV.	DCO'S RELATED TO THIS DRAWING	DATE	APPROVED
A	INITIAL REL. #2850	16 Nov 07	<i>[Signature]</i>

- OPERATING PRINCIPLE: 3-ELECTRODE POTENTIOSTATIC CELL WITHOUT POTENTIOSTATE
- ELECTRICAL CONNECTOR: 3-PIN MOLEX
- GAS CONNECTOR: M16 X 1 THREAD
- MEASUREMENT RANGE: 0 TO 2,000 PPM
- SENSITIVITY 50nA/ppm to 100nA/ppm
- WARM UP TIME: 10 MIN. WHEN CONNECTED TO BIAS
- MAXIMUM OVERLOAD: UP TO 10,000 PPM
- RESPONSE TIME t90: <15 s @ FLOW RATES OF 0.2 TO 2.0 LPM
- BIAS VOLTAGE: 0 mV
- DRIFT: < 10% SIGNAL/ YEAR
- ZERO OFFSET CURRENT <±5 PPM
- EXPECTED SENSOR LIFE: > 2 YEARS
- OPERATING TEMPERATURE: -20 TO 50 °C
- PRESSURE RANGE: 750hPa TO 1250 hPa
- INTERFERENCES:

He:	NONE
NO:	< 0.5 nA/ ppm
NO2:	<-20 na/ppm
CO2:	NONE
O2:	NONE
- WEIGHT: APPROXIMATELY 13g
- MATERIAL IN CONTACT WITH MEDIA: PP, PPS, PTFE, STAINLESS STEEL
- WARRANTY PERIOD: 12 MONTHS
- HOUSING COLOR: GREY



STORAGE CONDITIONS:

- TEMPERATURE: -20 TO 60 °C MAXIMUM
5 TO 25 °C RECOMMENDED
- HUMIDITY RANGE: 10 TO 98% RH
- AMBIENT PRESSURE: 600 TO 1250 hPa
- SHELF LIFE: NOT MORE THAN 3 MONTHS RECOMMENDED

AUTHORIZED COPY
 NOV 28 2007
EFFECTIVE DATE
 VALID ONLY IF THIS STAMP IS RED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		maxtec® SALT LAKE CITY, UTAH 84107	
.X = ±.05 .XX = ±.01 .XXX = ±.005 .XXXX = ±.002	ANGLES ±1°30'	SPECIFICATIONS, MAX-31 SCUBA SENSOR	
ORIGINATOR J. ANDERSON 11/12/07		SIZE B	DWG. NO. R108P44
QA INSP 15 <i>[Signature]</i> 11/16/07 MFG <i>[Signature]</i> 27 Nov 2007 ENG <i>[Signature]</i> 19 Nov 07		SCALE: 1:1	REV A
		SHEET 1 OF 1 PROPRIETARY INFORMATION MAXTEC INC.	