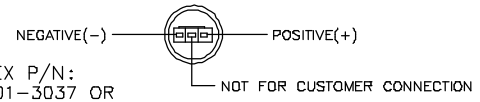
NOTES: UNLESS OTHERWISE SPECIFIED.

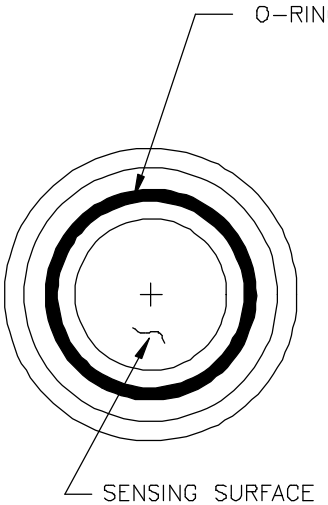
1. LABEL PER CUSTOMER SPECIFICATION
2. CONNECTIONS POLARITY :

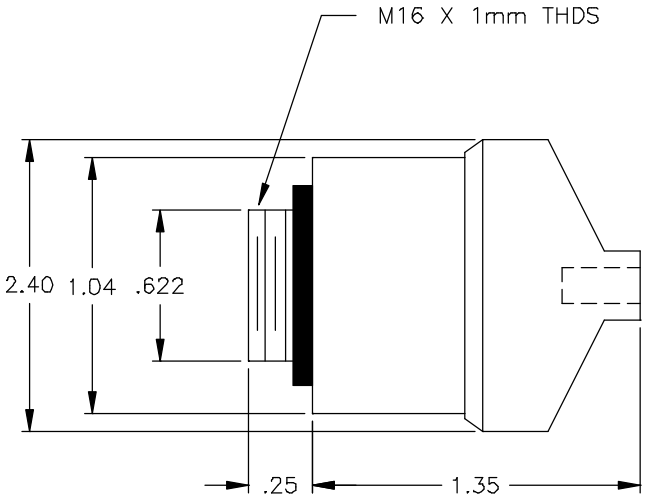


MATING PLUG− MOLEX P/N:
22−01−3037 OR
22−01−2037

3. TEMPERATURE COMPENSATION ERROR IS ±5% OF FULL SCALE OVER THE OPERATING TEMPERATURE RANGE. WORST CASE TRACKING ERROR (WITHIN THE FIRST HOUR AFTER A MAXIMUM TEMPERATURE STEP) IS ±7.5% OF FULL SCALE. (GAS SAMPLES MUST BE BROUGHT TO AMBIENT TEMPERATURE) PERCENT READOUT IS ONLY WITHIN ±1% AT CONSTANT PRESSURE (E.G. A 10% INCREASE IN PRESSURE WILL RESULT IN A 10% INCREASE IN READING).
4. ASSEMBLY TO BE PACKAGED IN A GAS BARRIER BAG.
5. ASSEMBLY MANUFACTURED TESTED TO MPC−76518−R36MED.

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INITIAL RELEASE, 04−0007	03/22/04	MG	−−





SPECIFICATIONS:

1) INITIAL OUTPUT − (10 − 17 mV) IN AIR AT 25°C, SEA LEVEL.
2) RANGE − 0−100% OXYGEN
3) ACCURACY − WITHIN ±2% @ 60% O2, ±3% @ 100% O2 OF FULL SCALE AT CONSTANT TEMPERATURE AND PRESSURE WHEN CALIBRATED IN AIR.
4) RESPONSE TIME − LESS THAN 20 SECONDS FOR 90% OF FINAL VALUE.
5) OFFSET − LESS THAN 0.5% OF OXYGEN EQUIVALENT AT 25°C (77°F) IN ZERO GAS AFTER 60 SECONDS.
6) CROSS INTERFERENCE − LESS THAN 1.25% O2 RESPONSE TO: 6% HALOTHANE, 6% ISOFLURANE 6% ENFLURANE, 7% SEVOFLURANE, 20% DESFLURANE, IN 30% O2/70% N2O MIXTURE.
7) HUMIDITY − 0 TO 99% RH (NON−CONDENSING).
8) OPERATING TEMPERATURE RANGE − 0 TO 40 °C (32 TO 104 °F)
9) STORAGE TEMPERATURE − 0° TO 50°C (32° TO 122°F)
10) EXPECTED CELL LIFE − 24 MONTHS IN AIR AT 25 °C AND 50% R.H.
11) WEIGHT − 0.9 OZ (26 GRAMS)
12) LOAD − 10K REQUIRED

ITEM	QTY	PART No.	DESCRIPTION

BILL OF MATERIAL

DO NOT SCALE DWG

TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR ±1/2°
LINEAR .X = ±.1, .XX = ±.02, .XXX = ±.010

TELEDYNE INSTRUMENTS
Analytical Instruments
A Teledyne Technologies Company
City of Industry, California, 91748, USA

	SIGNATURES	DATE
S/		
N/	DRFT: EMEKA IKPA	03/15/04
I/	CHK:	
P/	APPR:	
O/	ENGR: MICHAEL GONZALEZ	
F/	C.O.:	
REFERENCE	CAD I.D. B76520−0	

TITLE
SPEC CONTROL DWG OXYGEN SENSOR CLASS R36MED

SCALE ---
SIM B62321
SHEET 1 OF 1

MATL.

DWG NO. **B-** 76520

REV 0