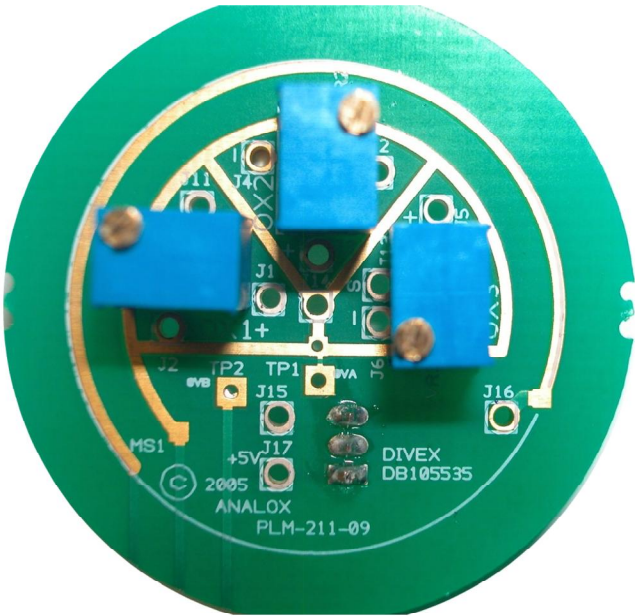
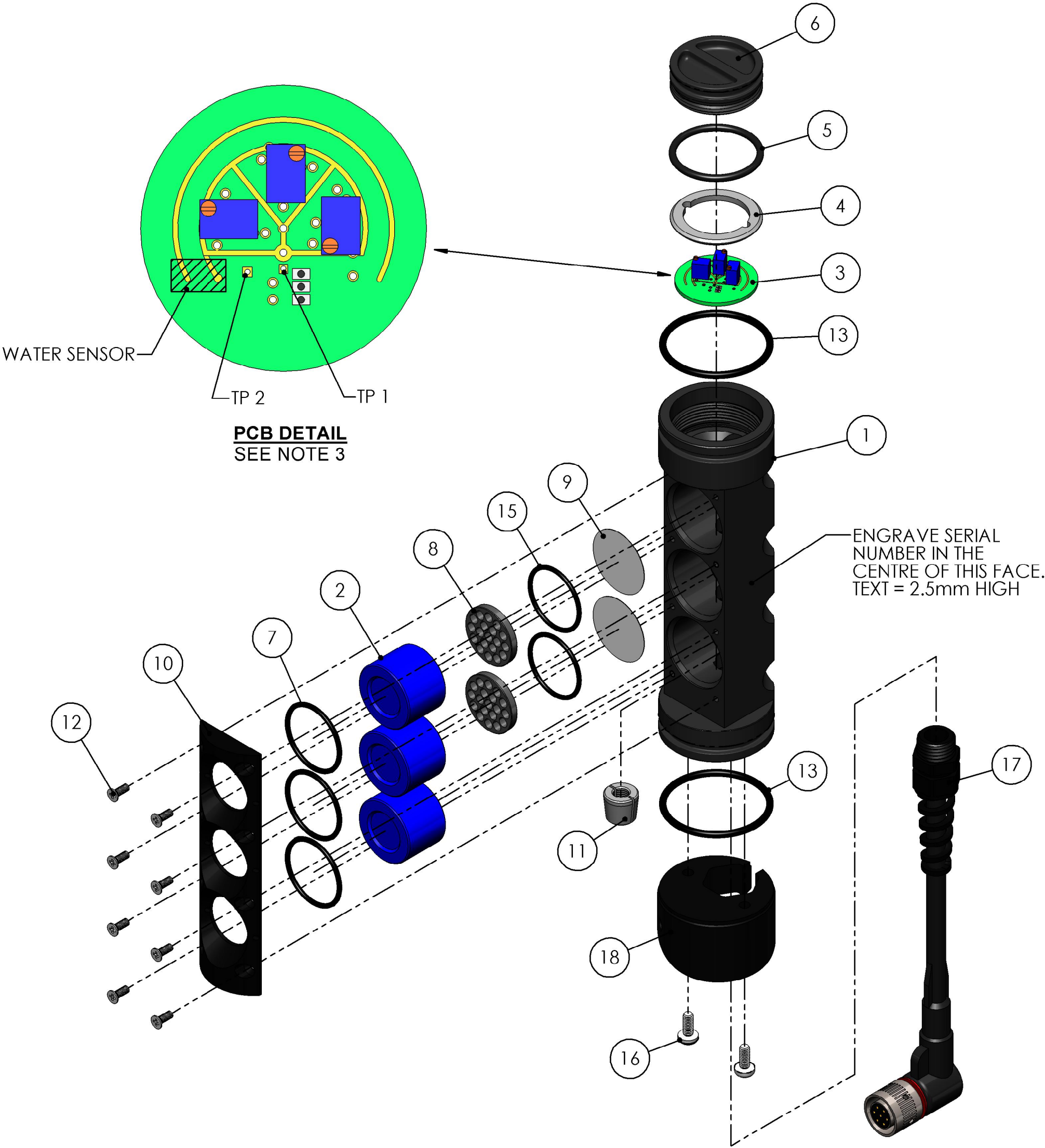


ITEM	PART No.	DESCRIPTION	Qty.
1	DB2003001	HOUSING	1
2	DB105381	O ₂ SENSOR (MATCHED SET OF 3)	1
3	DB105535	PCB	1
4	DB105359	PCB RETAINER	1
5	RN0124-7	O-RING	1
6	DB2003002	CAP	1
7	RN0023-7	O-RING	3
8	DB2003003	DISC, RETAINING, ZITEC SCREEN	2
9	DB2003004	SCREEN, ZITEC	2
10	DB2003005	PLATE, RETAINING, SENSORS	1
11	DB2003006	COLLET, CABLE	1
12	FB731	SCREW, CSK, M3 x 8 LG, PEEK	8
13	E13487	O-RING	2
14	E16408-400	O ₂ SENSOR CABLE	1
15	RN022-7	O-RING	2
16	E16410	SCREW, PAN HD, M4 x 10LG	2
17	E15275	CABLE GLAND	1
18	DB2003173	CAP, LOCATING	1

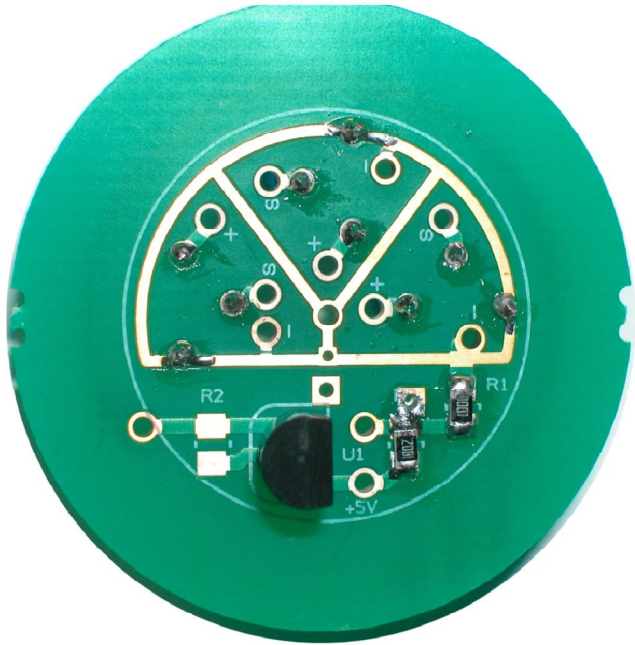
WIRING DETAILS

JUNCTION	FUNCTION	O2 SENSOR CABLE COLOUR	NO.
J11	SENSOR 1 O/P	BROWN	1
J12	SENSOR 2 O/P	RED	2
J13	SENSOR 3 O/P	ORANGE	3
J14	SENSOR COMMON A	YELLOW	4
J15	SENSOR COMMON B	GREEN	5
J16	TEMP SENSOR	BLUE	6
J17	+5V SUPPLY	VIOLET	7

PIN	FUNCTION	WIRE
J1	SENSOR 1+	RED
J2	SENSOR 1-	BLACK
J3	SENSOR 2+	RED
J4	SENSOR 2-	BLACK
J5	SENSOR 3+	RED
J6	SENSOR 3-	BLACK

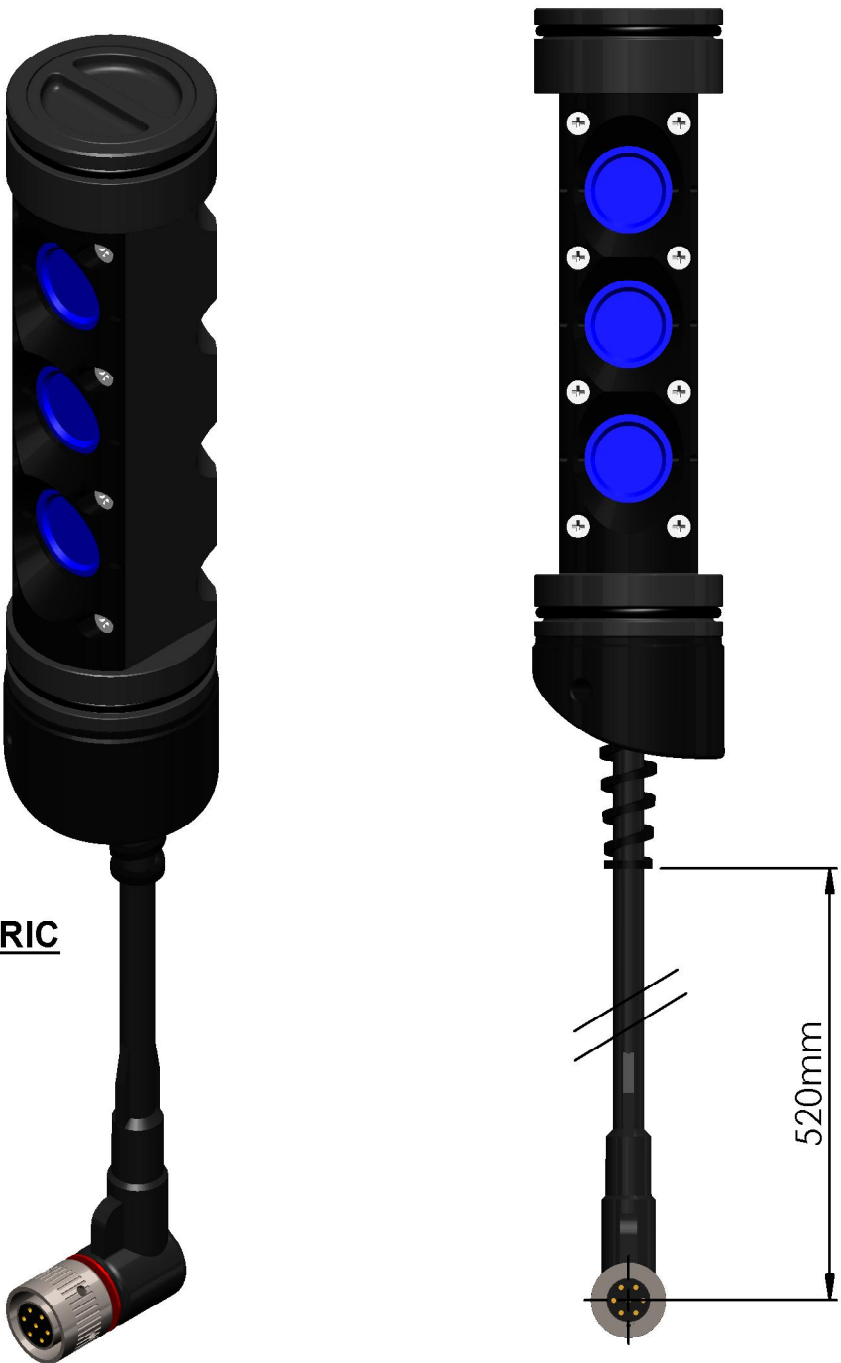


FACE VIEW



REAR VIEW

ISOMETRIC



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- NOTES
1. MANUFACTURE IN ACCORDANCE WITH AITP DB200-AP-1029.
 2. CLEAN INTERNAL MECHANICAL COMPONENTS FOR BREATHING GAS SERVICE IN ACCORDANCE WITH GEN-WP-002.
 3. CONFORMAL COAT BOTH SIDES OF ITEM No. 3 (DB105535) AFTER SOLDERING EXCEPT FOR THE WATER SENSOR AREA AND TEST PADS TP1 AND TP2.
 4. RANGING : SIGNATURE TO BE VERIFIED ACCEPTABLE IN ACCORDANCE WITH GEN-WP-115 BY DIVEX MAGNETIC RANGE.
 5. SERIAL No. TO BE PROVIDED WITH SHOP PACKET.

4 - DENOTES CHANGES MADE AT THIS REVISION.

ALL DIMENSIONS SHOWN ARE IN MM (UOS)
ALL DIMENSIONS BEFORE PLATING (UOS)
REMOVE ALL SHARP EDGES AND BURRS

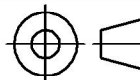
DIMENSIONAL TOLERANCES
MACHINING FABRICATION

NO DECIMAL PLACES	±1.0	SIZE >0 <100	±0.5
ONE DECIMAL PLACE	±0.2	SIZE >100 <500	±1.5
TWO DECIMAL PLACE	±0.05	SIZE >500	±3.0
ANGULAR TOLERANCE	±0.5°	ANGULAR TOLERANCE	±0.5°

MATERIAL

SEE PARTS LIST

FINISH
N/A



THIRD ANGLE
PROJECTION

R06					
R05					
R04	MAG. RANGE NOTE UPDATED	13603	SR	02/07/2010	SA
R03	SERIAL NUMBER ADDED	12568	DR	06/07/2009	SA
R02	ORIENTATION OF SENSOR CHANGED DB2003110 AND DB2003119 REPLACED WITH DB2003173	11330	JG	03/02/2009	SW
R01	VARIOUS CHANGES ORIENTATION OF SENSOR CHANGED	9831	JG	26/08/2007	SW
R00	ISSUED FOR MANUFACTURE		JG	26/08/2007	SW
REV	DESCRIPTION	ECN No	BY	DATE	AUTH BY

DO NOT SCALE DRAWING

TITLE
O₂ SENSOR MODULE
ASSEMBLY

DRAWING No. DB2002005S1 REV R04

PART No. DB2002005 PRODUCT / PROJECT No. CDLSE

SIZE A2 SCALE NTS SHT 1 OF 1

