

NOTES:

1. DO NOT SCALE FROM DRAWING.
2. FOR BULKHEAD PENETRATOR OUTLINE/INTERFACE DIMENSIONS SEE DRAWING 80045 (OPN-208-03).
3. FOR FIXED HI-POWER ROV PLUG OUTLINE/INTERFACE DIMENSIONS SEE DRAWING 33325 (ROY-328-03).
4. FOR HOSE INTERFACE AND SPECIFICATIONS SEE D/N 19421 (OON-130-24).
5. IDENTIFY CONDUCTOR PER WIRING DIAGRAM, COVER WITH CLEAR HEATSHRINK.

6. APPROX WEIGHT IN AIR: TBD
APPROX WEIGHT IN WATER: TBD
DOUBLE QUANTITY BOOTS REQUIRED FOR MOLDING PURPOSES.
A. DIMENSIONS IN [] ARE MILLIMETERS.

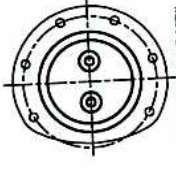
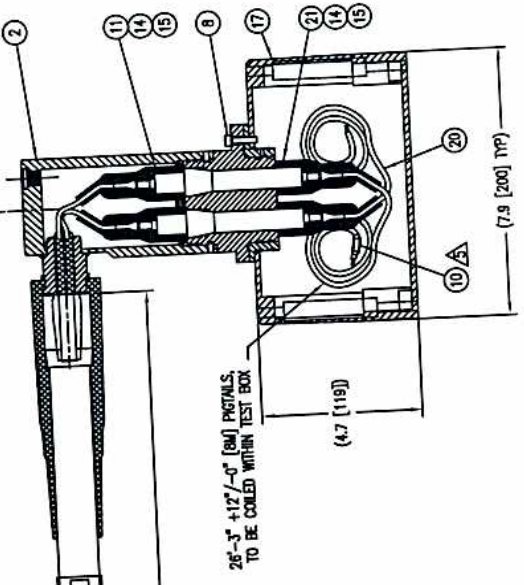
8'-6" $\pm 6"$ [2.60M ± 0.05]

8'-1" $\pm 6"$ [2.46M ± 0.05]

40- 20 AWG WHITE 20 AWG WHITE
30- 20 AWG RED 20 AWG WHITE WITH RED LABEL
20- 20 AWG RED 20 AWG WHITE WITH RED LABEL

WIRING DIAGRAM

ITEM	PART #	REF #	DESCRIPTION	MATERIAL	QTY
22	1013374	P-TOUCH 1/2"	LABEL CUSTOMER P/N	B.O.F.	1
21	1035058	HPR-075-04-2	BOOT SEAL	001037 RUBBER	4
20	1035073	392050	DEARBORN SILICONE, HIGH VOLTAGE WIRE	B.O.F.	2 X A/R
19	1034781	178-8316-7	REYNOLDS HI-VOLTAGE WIRE, 20 AWG, 22 KVDC, WHITE	B.O.F.	1 X A/R
18	1034774	178-8316-1	REYNOLDS HI-VOLTAGE WIRE, 20 AWG, 22 KVDC, RED	B.O.F.	1 X A/R
17	1034788	PHI-056-04-5	NETWORK ENCLOSURE	ALUMINUM	1
16	1033987	OPT-037-04-5	BOOT SEAL	001037 RUBBER	4
15	1019209	SCOTCHCAST 2130	POTTING COMPOUND, 7.5 oz.	B.O.F.	3
14	1033966	HPR-044-04-6	CONDUCTOR TIP	GOLD-PLATED COPPER	6
13	1032733	HPR-051-04	RETAINER CAP	DELFIN	2
12	1032734	HPR-052-04	BOOT CAP	001037 RUBBER	2
11	1033242	HPR-075-04	BOOT SEAL	001037 RUBBER	4
10	1013485	RNF-100 X 1/8	RANCHER CLEAR HEATSHRINK	B.O.F.	1 X A/R
9			DELETED		
8	1000210	10-32 UNF X 3/4	SOCKET HEAD CAP SCREW	316 STAINLESS STEEL	3
7	1004367	DC200/100CS	DOW CORNING OIL	B.O.F.	A/R
6	1003196	OPT3X	1/2" PET EXPANDABLE TUBING	B.O.F.	2 X A/R
5	1012533	OON-109-01-2	TITL -12 HOSE ASSEMBLY	VARIOUS	1
4	1012416	ODHOSE-12-HB-2	-12 HYDRAULIC HOSE	B.O.F.	1 X A/R
3	1013374	P-TOUCH-1/2"	LABEL "OON S/N"	B.O.F.	2
2	1035362	HPR-069-01-4	HI-POWER BULKHEAD PENETRATOR	VARIOUS (TITANIUM SHELL)	1
1	1033988	HPR-002-01-5	HI-POWER FIXED ROV PLUG	VARIOUS (TITANIUM SHELL)	1



PENETRATOR FACE VIEW

ODI ADVANCED TECHNOLOGY SYSTEMS
OCEAN DESIGN, INC.
WWW.OCEANDSIGN.COM

HI-POWER PENETRATOR TO
HI-POWER FIXED ROV PLUG
GA DRAWING W/ PARTS LIST

DATE: 7-9-04
APPROVALS: TJS
DESIGNED BY: JF
CHECKED BY: PTC
SECTION: 1 OF 1

SIZE: 59007
SCALE: HALF
PART NO: 103374
REV: 1