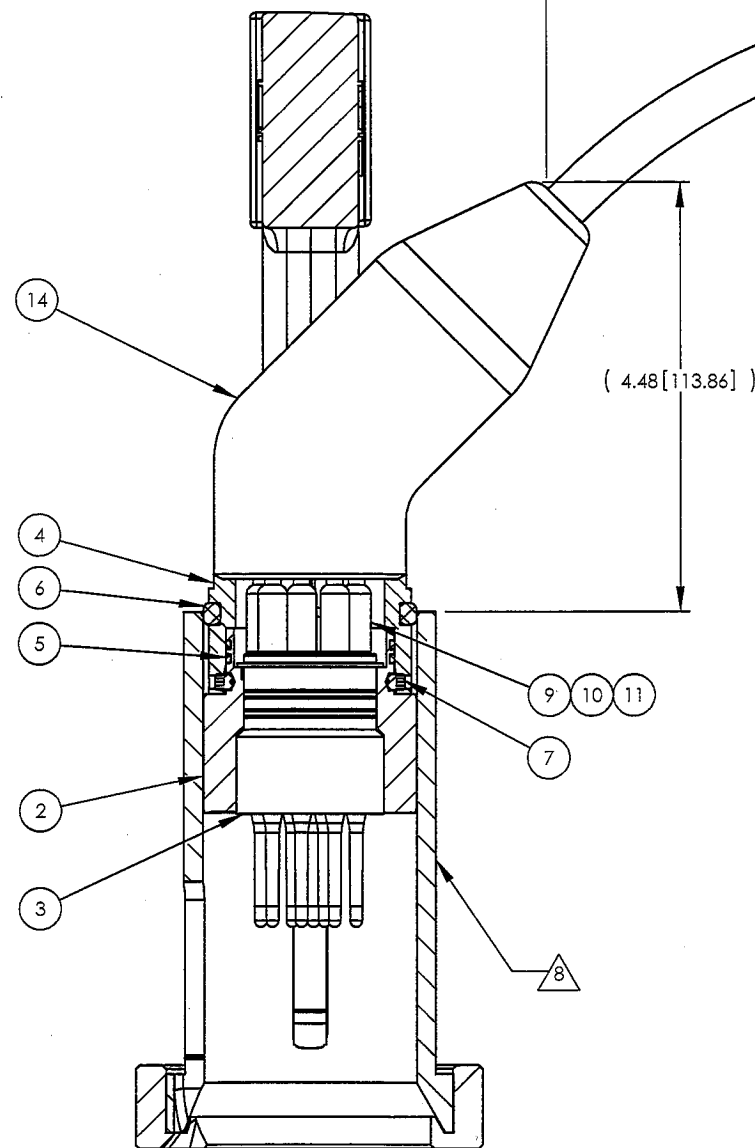
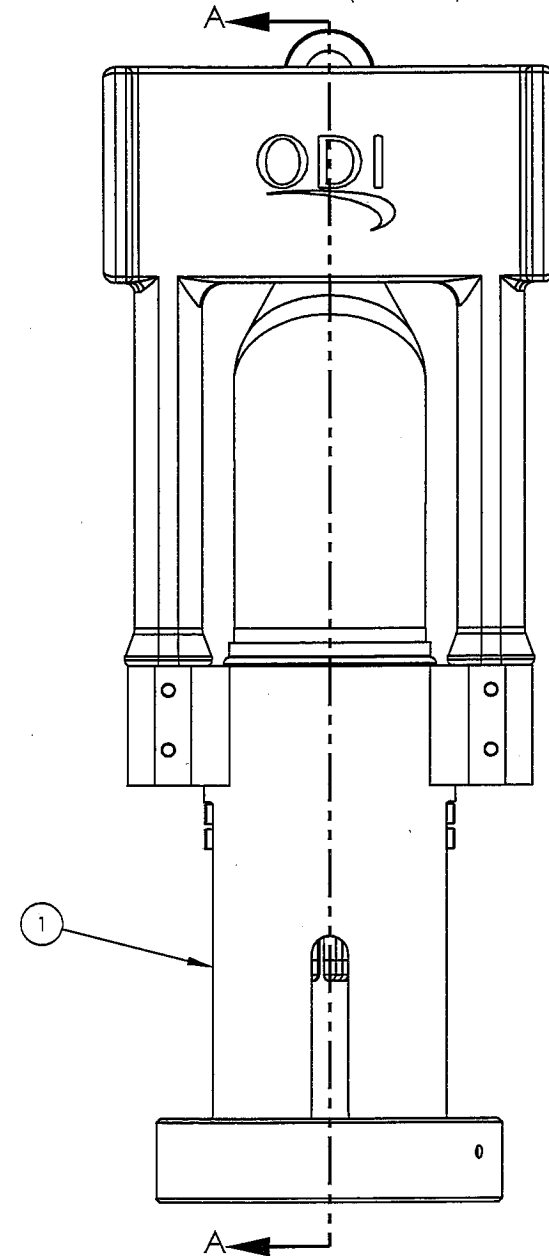


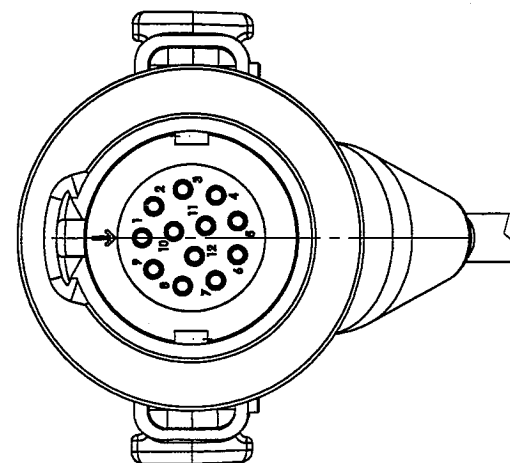
- NOTES:
1. DO NOT SCALE FROM DRAWING
2. MATERIAL: SEE PARTS LIST
3. SEE D/N 160916 (COS-084-03) FOR OUTLINE / INTERFACE DRAWING.
4. DIMENSIONS IN [] ARE MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
5. MANUFACTURE AS DOUBLE-ENDED JUMPER WITH 2 CONNECTORS AND 2X CABLE LENGTH. CUT TO FINISHED LENGTH AFTER TESTING.
6. 24 AWG WIRE TO BE MAINTAINED TWISTED AS CLOSE AS POSSIBLE TO SOLDER POTS.
7. MINIMUM BEND RADIUS = 6" [152mm]
8. ENGRAVE APPROX. WHERE SHOWN PER 10632 (SOP-015-39).

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COPY FOR INFORMATION ONLY
WILL NOT BE KEPT UP TO DATE.

REVISION	DESCRIPTION	DATE	APPROVED
A (P1)	CO 15242 PRELIMINARY ISSUE	10-16-2007	WFM
A	CO 15242 INITIAL ISSUE	10-16-2007	WFM
B	CO 15814		



SECTION A-A



56'±4'/-0' [17.0M]
(STRAIGHT LENGTH)

(6.0" [152])

2"±1"

1	WHT/BRN 24 AWG (SPARE)
2	BRN 24 AWG (SPARE)
3	WHT/GRN 24 AWG (ENET RX +)
4	GRN 24 AWG (ENET RX -)
5	WHT/BLU 24 AWG (1 PPS +)
6	BLU 24 AWG (1 PPS -)
7	WHT/ORN 24 AWG (ENET TX +)
8	ORN 24 AWG (ENET TX -)
9	RED 18 AWG (+375 VDC)
10	ORN 18 AWG (+375 VDC)
11	BLU 18 AWG (375 VDC COM)
12	WHT 18 AWG (375 VDC COM)
13	YEL 18 AWG (+ 48 VDC)
14	BLK 18 AWG (48 VDC COM)

WIRING DIAGRAM

14	1050357	COS-085-01	45 MOLDED TERMINATION S/A	MOLDED TERMINATION	1
13	1013503	RNF100-CL-H10	1" CLEAR HEAT SHRINK TUBING	TUBING	A/R
12	1013373	P-TOUCH-1"	LABEL "S/N____"	LABEL	1
11	1012937	OMN-020-04-4	NAUT Y-SPLICE BOOT SEAL, OD1037	BOOT, SPLICE	2
10	1012427	ODN-001-04-13	NAUT BOOT SEAL, OD1037	BOOT SEAL	2
9	1041700	COS-061-01-1	BOOT SEAL KIT	BOOT SEAL	8
8	1050602	MBARI, CABLE	FMXCAT51806K12, FALMAT ETHERNET CBL	CUSTOMER SUPPLIED MATERIAL	1 X A/R
7	1001149	832T02H03	8-32 UNC-2A X 3/16, TI GR 2	SET SCR HEX SKT CUP PT	8
6	1000528	2-327-N674-70	2-327, NITRILE 70	O-RING	1
5	1000371	2-030-N674-70	2-030, NITRILE 70	O-RING	2
4	1038735	GEB-074-04-3	SLEEVE, POTTING, ULTEM 2300	SLEEVE, POTTING	1
3	1011165	NAUT/4-12-T	12-WAY NAUTILUS PLUG MODULE S/A	MODULE, PLUG	1
2	1013612	ROV-021-04-12	12-WAY ROV PLUG SHELL, TI GR 2	SHELL, PLUG	1
1	1039249	ROV-440-01-12-1	12-WAY ROV SLIDE S/A	SLIDE	1
ITEM	PART #	REF #	DESCRIPTION	STANDARD NAME	QTY.

PARTS LIST

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
ANGLES: ± 1/2°
FRACTIONS DECIMALS
± 1/64 ± .005
± .XX ± .01
± .XXX ± .003
CONCENTRICITY .004 TIR
SURFACE FINISH .63
BREAK ALL UNMARKED CORNERS R.005
INTERNAL CORNERS R.02 MAX
THIRD ANGLE PROJECTION

ODI A Teledyne Majority Owned Company	
APPROVALS	DATE
DRAWN JMW	09-17-2007
CHECKED RHS	10-16-2007
ENGR RBC	10-16-2007
DESIGN	
12-WAY ROV CE PLUG W/ 45° MOLD TERMINATION ASSEMBLY DRAWING W/ PARTS LIST	
SIZE B	CAGE CODE 0VV88
SCALE 1:2	DOC. NO. 160426
PART NO. 1049600	REV B
REF. NO. COS-084-01	SHEET 1 OF 1

- ☒ A. Approved without comments, proceed with manufacture.
☐ B. Approved with comments, incorporate and proceed with manufacture.
☐ C. Revise and resubmit for approval.

Jon Erickson 12/7/07

Signature

Date:

ME 12/6/07