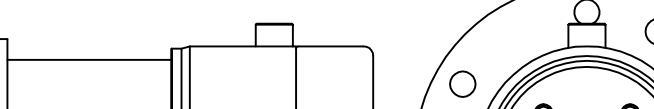
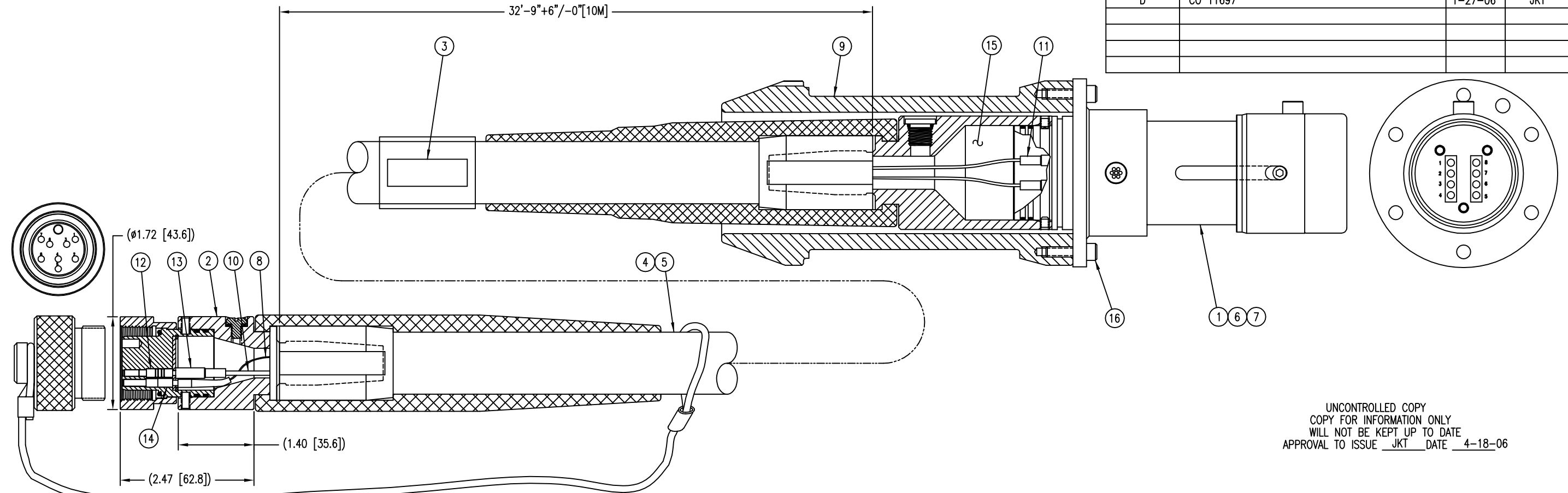


1. DO NOT SCALE FROM DRAWING.
2. FOR ITEM 1 OUTLINE/INTERFACE DIMENSIONS SEE DRAWING 18044 (FAK-064-03).

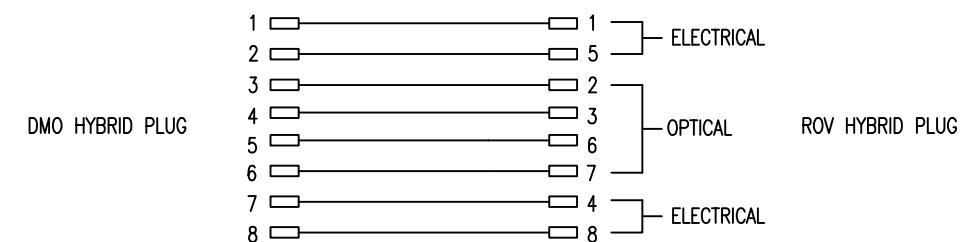


Technical drawings of the 1000 Series 1/2" valve. The left drawing is a side view showing the valve body, handle, and stem. The right drawing is a top view showing the valve body with six mounting holes and two sets of ports labeled 1 through 8.



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APPROVAL TO ISSUE JKT DATE 4-18-06

B	16	1000148	1/4-20 X 3/4"	SOCKET HEAD CAP SCREW	TITANIUM CP. GR. 2	6
	15	1004367	DC200-100CS	DOW CORNING SILICONE OIL	B.O.F.	A/R
	14	1005657	DMO-294-01-1	DMO PLUG OPTIC STEM S/A	VARIOUS	4
	13	1004981	DMO-097-04-6	DMO BOOT SEAL	OD1037 RUBBER	4
	12	1005008	DMO-112-01	DMO PLUG ELEC STEM S/A	VARIOUS	4
	11	1007426	FIB-119-04-6	BOOT SEAL	OD1037 RUBBER	4
	10	1000742	44A0211-18-9	RAYCHEM 18 AWG WIRE	B.O.F.	4 X A/R
	9	1031101	OPM-191-04	ROV GRIP	ACETAL	1
	8	1000061	001E41-31131-24	SMF 8.3/125/900, WHITE	B.O.F.	4 X A/R
A	7	1007301	FIB-075-01-2	HYB PLUG OPTIC STEM S/A	VARIOUS	4
	6	1007395	FIB-115-01-1	HYB PLUG ELEC STEM S/A	VARIOUS	4
	5	1018574	ODN-109-01-23	SITIB -12 HOSE ASSEMBLY	VARIOUS	1
	4	1012416	ODHOSE-12-HBD-2	-12 HYDRAULIC HOSE	B.O.F.	1 X A/R
	3	1013374	P-TOUCH 1/2"	LABEL "ODI S/N ____"	B.O.F.	A/R
	2	1020579	DMO-230-01-8	8-WAY DMO PLUG S/A	VARIOUS (316L SST SHELL)	1
	1	1006488	FAK-043-01-1	ROV HYBRID BULKHEAD PLUG	VARIOUS (TITANIUM SHELL)	1
	ITEM	PART #	REF. #	DESCRIPTION	MATERIAL	QTY
	PARTS LIST					



CIRCUIT DIAGRAM

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
ANGLES: $\pm 1/2^\circ$
FRACTIONS DECIMALS
 $\pm 1/64$ $\pm .X = .05$
 $\pm .XX = .01$
 $\pm .XXX = .003$
CONCENTRICITY .004 TIR
SURFACE FINISH .63 ✓
BREAK ALL UNMARKED CORNERS R.D.
INTERNAL CORNERS R.02 MAX
THIRD ANGLE PROJECTION

The symbol consists of a circle with a crosshair inside, representing a cylinder, and a truncated cone to its right, representing a cone. This is the standard symbol for third angle projection.

 ADVANCED TECHNOLOGY SYSTEMS		OCEAN design, INC. www.odi.com	
APPROVALS DRAWN JWB CHECKED MF ENGR JKT DESIGN		DATE 1/28/04 1/30/04 1/30/04 1/30/04	
4E/ 4SM ROV HYBRID PLUG TO HYBRID DMO PLUG JUMPER GA DRAWING W/ PARTS LIST		SIZE B CAGE CODE OVV88 DOC. NO. 57807 REV D	
SCALE FULL		PART NO. 1033034 REF. NO. OPM-190-01	
SHEET 1 OF 1			