PSI | CDS

CDS | PSI

10" Pumpout Port Valve

ZSC521 — BLK 125 / WHT 126 → K20 / K19 → J1-20 / J1-19 (XY212-1 CH. 06)

ZSO521 — BLK 127 / WHT 128 → K22 / K21 → J1-22 / J1-21 (XY212-1 CH. 07)

+24VDC

Turbo Pump Cart Monitoring

QDP80 Pump Running	D01 / D02	A31 / A32	J1-31 / J1-32	XY212-0 CH. 10
QDP80 Pump Temp. Hazard	D03 / D04	A33 / A34	J1-33 / J1-34	XY212-0 CH. 11
STP200C Pump Accel.	D05 / D06	A37 / A38	J1-37 / J1-38	XY212-0 CH. 12
N2 Flow Warning	D07 / D08	A39 / A40	J1-39 / J1-40	XY212-0 CH. 13
STP200C Pump Normal	D09 / D10	A43 / A44	J1-43 / J1-44	XY212-0 CH. 14
Safety Valve Open	D11 / D12	A45 / A46	J1-45 / J1-46	XY212-0 CH. 15
Safety Valve Closed	D13 / D14	B01 / B02	J2-01 / J2-02	XY212-0 CH. 16
	D21	B03 / B04	J2-03 / J2-04	XY212-0 CH. 17
Pump Cart ID	D22	B07 / B08	J2-7 / J2-8	XY212-0 CH. 18
	D23	B09 / B10	J2-09 / J2-10	XY212-0 CH. 19
		+24VDC		
	D24	A49		

Connects to turbo pump cart cable; see drawing D961400-A-C.

Cold Cathode Guage	E15 / E16	H07 / H08	P3-04A / P3-04C	3113-0 CH. 35
Pirani Gauge A1	E17 / E18	H09 / H10	P3-05A / P3-05C	3113-0 CH. 36
Pirani Guage A2	E19 / E20	H11 / H12	P3-06A / P3-06C	3113-0 CH. 37

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULARMACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±
FINISHED SURFACE RMS
BREAK CORNERS IN: OUT:
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON:

NEXT ASS'Y:

REV	DESCRIPTION	SHEETS EFFECTED	DATE
A	Initial Release per ECN E970001-00-C		1/3/97

CURRENT REVISION APPROVAL

	DRAWN	GROUP	SIGNATURE	DATE
	TONY T.	CDS		9-9-96
CHECKED	R. Bork			
DCC				

REFERENCE DRAWINGS

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION

ISSUE DESCRIPTION

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VCMS ELECTRICAL DIAGRAM
WA RIGHT END STATION
MANIFOLD PUMP PORT

SCALE	SIZE	DWG. NO.	REV.
-	B	D961393-A-C	00
CAD FILE 1393S1C0	SHEET 1 OF 1		VER. 01

1393S1C0 12-27-96 - 13:58