



SPECIFICATIONS
MODEL 4116 SIXTEEN CHANNEL RACK MOUNTED POWER UNIT
WITH ADJUSTABLE SENSOR DRIVE CURRENT

SPECIFICATIONS	VALUE	UNITS
SENSOR SUPPLY CURRENT (SUPPLY CURRENT FOR EACH CHANNEL IS INDIVIDUALLY SETTABLE FROM FRONT PANEL)	2 TO 20 , ADJUSTABLE	mA
NUMBER OF SENSOR CHANNELS	16	
SENSOR EXCITATION VOLTAGE (COMPLIANCE VOLTAGE)	+24	VDC
VOLTAGE GAIN	UNITY	
FRONT PANEL D'ARSONVAL PANEL METER F.S. DC VOLTS	+24	VDC
FRONT PANEL D'ARSONVAL PANEL METER F.S. DC mA	20	mA
OUTPUT COUPLING CAPACITOR (EACH CHANNEL)	10	µF
COUPLING TIME CONSTANT WITH 10 MEGOHM LOAD	9.0	SEC
WITH 1 MEGOHM LOAD	5.0	SEC
LOWER -3db FREQUENCY WITH 10 MEGOHM LOAD	.017	Hz
WITH 1 MEGOHM LOAD	.032	Hz
HIGH FREQUENCY RESPONSE	DETERMINED BY SENSOR AND CABLE LENGTH	
NOISE, WIDEBAND	150	µV
SENSOR CONNECTORS, REAR PANEL (16)	BNC	JACK
OUTPUT CONNECTORS, REAR PANEL (16)	BNC	JACK
POWER CORD, 3-WIRE WITH CHASSIS GROUND	3-WIRE PLUG	6 FT
POWER REQUIRED MODEL	13.0	VA
LINE VOLTAGE REQUIRED (standard model)	115	VAC 50-400 Hz
('E' version)	230	VAC 50-400 Hz
SIZE, H X W X D	1.75 X 19.0 X 11.1	IN
WEIGHT	5.0/2.3	Lbs./kG.