



DIGITAL PANEL METER

Model : DR99DCV, DR99ACV, DR99DCA, DR99ACA, DR99420

SPECIFICATIONS				
Display	15 mm(0.6") high brightness red LED, 3 1/2 digits, Max. indication +1999.		Current range voltage drop	199.9 mV, in case of full scale.
Model & Range	Model	Range	Dimension	Case size : front panel - 96x48 mm. (DIN size) case - 92 x 42 mm. behind panel depth - 104 mm. Panel cut size : 93 x 43 mm.
	DR99DCV	199.9 DCmV, 1.999 DCV, 19.99 DCV, 199.9 DCV, 1000 DCV.		
	DR99ACV	199.9 ACmV, 1.999 ACV, 19.99 ACV, 199.9 ACV, 750 ACV.	Power Consumption	Approx. AC 14 mA(AC 110V Power). Approx. AC 8 mA(AC 220V/240V Power).
	DR99DCA	199.9 DCuA, 1.999 DCmA, 19.99 DCmA, 199.9 DCmA, 1.999 DCA, 10 DCA.		
	DR99ACA	199.9 ACuA, 1.999 ACmA, 19.99 ACmA, 199.9 ACmA, 1.999 ACA, 10 ACA.	Operating Humidity	Less than 90 % RH.
	DR99420	DC 4-20 mA		
Decimal point & Range Adjustment	Decimal point & range adjustment(DR99DCV, DR99ACV, DR99DCA, DR99ACA) are easy adjust by internal jumper on circuit board.		ACV, ACA Frequency Character	Frequency character 40 to 1 KHz, (spec. calibration on 60Hz/50Hz). Converter response - Average responding, calibrated to display RMS value of sine wave.
Volt range input impedance	10 Meg ohms.			

ORDER CONSIDERATION
* For the models : DR99ACV, DR99DCV, DR99ACA, DR99DCA If the customer order quantity more than 50 pcs for one fix range per order, then we can make range pre-adjustment in the factory. Otherwise before exit the factory will make pre-range adjustment to 199.9 DCV range for DR99DCV, 750 ACV range for DR99ACV, 2 DCA range for DR99DCA, 2 ACA range for DR99ACA.
* DR99420 circuit board are built in "ZERO adjust VR" & "GAIN adjust VR" , easy to match most kinds of transducer (WATT PRESSURE, LOAD CELL, STRAIN GAUGE...) to get digital display. Note : When order DR99420 , It is necessary to inform "input signal 4 mA" equal what reading values & "input signal 20 mA" equal what reading values,

HIGH DC CURRENT MEASUREMENT (Match external shunt)		HIGH AC CURRENT MEASUREMENT (Match external CT or shunt)	
Max. range	Model	Max. range	Model
DC 50A	DR99DCV(SHUNT 50A/50mV)	AC 50A	DR99ACV (SHUNT 50A/50mV)
DC 100A	DR99DCV(SHUNT 100A/50mV)	AC 100A	DR99ACA (CT 100/5A)
DC 500A	DR99DCV(SHUNT 500A/50mV)	AC 500A	DR99ACA (CT 500/5A)
DC 1000A	DR99DCV(SHUNT 1000A/50mV)	AC 1000A	DR99ACA (CT 1000/5A)
DC 2000A	DR99DCV(SHUNT 2000A/50mV)		