DC Current CONTROLLER/MONITOR

Model: PDA-6071 *ISO-9001, CE, IEC1010*







The Art of Measurement

DC CURRENT CONTROLLER/MONITOR

Model: PDV-6071

FEATURES

*	Professional DC Current meter with standard DIN		
	case (96 x 48 mm) and Control / Alarm Function.		
*	Microprocessor circuit ensures high accuracy and		
	provide special functions and features .		
*	Measurement DC Current :		
	200 uA x 0.1 uA / 2 mA x 0.001 mA / 20 mA x 0.01 mA		
	200 mA x 0.1 mA / 2 A x 0.001 A / 10 A x 0.01 A .		
*	Measurement range can be adjusted by jumper .		
*	Fuse overload protection for all ranges.		
*	Large red LED display ,high brightness and easy to read.		
*	Control output: 2 point (COM,NO).		
*	Alarm output : 2 point (COM,NO).		
*	Control Relay will make action when the reading value		
	reach to control value.		
*	Hysteresis value setting for control and alarm function .		
*	RS232 / USB Computer interface .		
*	Power: 90 ACV - 260 ACV, 50 / 60Hz.		
*	Option data acquisition software .		

GENERAL SPECIFICATIONS					
Display	Large LED display. 4 digit LED .				
	14 mm (0.55 inch) digit height.				
	Unit indicators x 3.				
	PV (process value) indicator				
	SV (set value) indicator				
	Control out indicator				
	Alarm out indicator				
Circuit	Custom chip of microprocessor LSI				
	circuit.				
DCA	200 uA x 0.1 uA, 2 mA x 0.001 mA,				
measurement	20 mA x 0.01 mA, 200 mA x 0.1 mA,				
range (+)	2 A x 0.001 A, 10 A x 0.01 A.				
	* When order, it should specify the				
	current ra	nge, other wise the			
	range will	set to the 2A and 10 A			
Accuracy	\pm (0.3 % + 5 d) reading. @ 23 \pm 5°C				
Relay Output	Number	2 relays			
	Function	Relay 1 :			
		High /Low control relay .			
		Relay 2 :			
		High/Low alarm relay.			
	Max load	0.5 ACA/250 ACV			
		0.5 DCA/24 DCV			
		* Do not apply the relay			
	\wedge	contact load current			
		> 0.5 A, other wise the			
	<u> </u>	relay may be damaged			
		permanently without			
		warranty.			
Main	Control value adjustment :				
Internal	High control point and Low control point .				
Function	Alarm value adjustment :				
Selection	High alarm point and Low alarm point .				
	Control hysteresis value setting .				
	Alarm hysteresis value setting .				

Front Panel Function Selection Alarm set: point value adjustment from the SV. Automatic adjustment from the SV. Automatic adjustment from the SV. Alarm set: point value adjustment from the SV. Automatic adjustment for all surface for a	Over input	" " mark indication.		
Function Selection Selection Data Output Connect the optional USB cable, USB - 01 will get the USB plug. Operating Temperature Operating Humidity Power Supply Power Consumption Approx. 2.13 VA/AC 110V. Approx. 2.13 VA/AC 110V. Approx. 4.06 VA/AC 220V. * Under no load Weight Dimension Control set: point value adjustment from the SV. Alarm set: point value adjustment from the SV. Automatic adjustment. Selection Automatic adjustment from the SV. Altomatic adjustment f	•			
Alarm set: point value adjustment from the SV. Zero Automatic adjustment. Adjustment Sampling Time Approx. 0.5 second. Data Output RS232 / USB PC Computer interface. * Connect the optional RS232 cable, UPCB - 02 will get the RS232 plug. * Connect the optional USB cable, USB - 01 will get the USB plug. Operating 0 to 50 °C. Temperature Operating Less than 80% R.H. Humidity Power Supply 90 to 260 ACV, 50/60 Hz. Power Approx. 2.13 VA/AC 110V. Approx. 4.06 VA/AC 220V. * Under no load Weight 261 g/ 0.57 LB. Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Instruction manual	Function			
Alarm set: point value adjustment from the SV. Zero Automatic adjustment. Adjustment Sampling Time Approx. 0.5 second. Data Output RS232 / USB PC Computer interface. * Connect the optional RS232 cable, UPCB - 02 will get the RS232 plug. * Connect the optional USB cable, USB - 01 will get the USB plug. Operating 0 to 50 °C. Temperature Operating Less than 80% R.H. Humidity Power Supply 90 to 260 ACV, 50/60 Hz. Power Approx. 2.13 VA/AC 110V. Consumption Approx. 4.06 VA/AC 220V. * Under no load Weight 261 g/ 0.57 LB. Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Instruction manual	Selection	point value adjustment from the SV.		
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Adjustment Sampling Time Approx. 0.5 second. Data Output RS232 / USB PC Computer interface. * Connect the optional RS232 cable ,		point value adjustment from the SV .		
Sampling Time Data Output RS232 / USB PC Computer interface. * Connect the optional RS232 cable ,	Zero	Automatic adjustment.		
Data Output RS232 / USB PC Computer interface. * Connect the optional RS232 cable ,	Adjustment			
* Connect the optional RS232 cable ,	Sampling Time	Approx. 0.5 second.		
UPCB - 02 will get the RS232 plug. * Connect the optional USB cable, USB - 01 will get the USB plug. Operating Temperature Operating Less than 80% R.H. Humidity Power Supply Power Approx. 2.13 VA/AC 110V. Consumption Approx. 4.06 VA/AC 220V. * Under no load Weight DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Included Instruction manual	Data Output	RS232 / USB PC Computer interface.		
* Connect the optional USB cable, USB - 01 will get the USB plug. Operating Temperature Operating Humidity Power Supply Power Consumption Approx. 2.13 VA/AC 110V. Approx. 4.06 VA/AC 220V. * Under no load Weight DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Included Case holder with screw		* Connect the optional RS232 cable ,		
USB - 01 will get the USB plug. Operating Temperature Operating Humidity Power Supply Power Consumption Approx. 2.13 VA/AC 110V. Approx. 4.06 VA/AC 220V. * Under no load Weight DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Included Usb - 01 will get the USB plug. 0 to 50 °C. C. Humidity Power Approx. 4.06 VA/AC 20V. * Under no load VA/AC 220V. * Under no load Instruction manual		UPCB - 02 will get the RS232 plug.		
Operating Temperature Operating Humidity Power Supply Power Consumption Weight Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Included O to 50 ℃. Consumption Less than 80% R.H. Humidity 90 to 260 ACV, 50/60 Hz. Approx. 2.13 VA/AC 110V. Approx. 4.06 VA/AC 220V. * Under no load Weight DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. 1 PC Case holder with screw		* Connect the optional USB cable,		
Temperature Operating Humidity Power Supply Power Approx. 2.13 VA/AC 110V. Consumption Approx. 4.06 VA/AC 220V. * Under no load Weight Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Included Case holder with screw		USB - 01 will get the USB plug.		
Operating Humidity Power Supply Power Approx. 2.13 VA/AC 110V. Consumption Approx. 4.06 VA/AC 220V. * Under no load Weight Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Included Less than 80% R.H. Humidity 90 to 260 ACV, 50/60 Hz. Approx. 2.13 VA/AC 110V. Approx. 4.06 VA/AC 220V. * Under no load Weight Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. 1 PC Case holder with screw	Operating	0 to 50 ℃.		
Humidity Power Supply 90 to 260 ACV, 50/60 Hz. Power Approx. 2.13 VA/AC 110V. Consumption Approx. 4.06 VA/AC 220V. * Under no load Weight 261 g/ 0.57 LB. Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Instruction manual	Temperature			
Power Supply 90 to 260 ACV, 50/60 Hz. Power Approx. 2.13 VA/AC 110V. Consumption Approx. 4.06 VA/AC 220V. * Under no load Weight 261 g/ 0.57 LB. Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Instruction manual	Operating	Less than 80% R.H.		
Power Consumption Approx. 2.13 VA/AC 110V. Approx. 4.06 VA/AC 220V. * Under no load Weight 261 g/ 0.57 LB. Dimension DIN size: 96 x 48 mm. Panel cut size: 92 x 46 mm. Depth: 110 mm. Accessories Instruction manual	Humidity			
Consumption Approx. 4.06 VA/AC 220V. * Under no load Weight 261 g/ 0.57 LB. Dimension DIN size : 96 x 48 mm. Panel cut size : 92 x 46 mm. Depth : 110 mm. Accessories Instruction manual	Power Supply	90 to 260 ACV, 50/60 Hz.		
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Weight 261 g/ 0.57 LB. Dimension DIN size : 96 x 48 mm. Panel cut size : 92 x 46 mm. Depth : 110 mm. Accessories Instruction manual	Consumption	Approx. 4.06 VA/AC 220V.		
Dimension DIN size : 96 x 48 mm. Panel cut size : 92 x 46 mm. Depth : 110 mm. Accessories Instruction manual		* Under no load		
Panel cut size : 92 x 46 mm. Depth : 110 mm. Accessories Instruction manual	Weight	261 g/ 0.57 LB.		
Depth: 110 mm. Accessories Instruction manual	Dimension	DIN size: 96 x 48 mm.		
Accessories Instruction manual		Panel cut size: 92 x 46 mm.		
Included Case holder with screw 2 PCs		Depth: 110 mm.		
	Accessories	Instruction manual1 PC		
Ontional IICD coble IICD 04	Included	Case holder with screw 2 PCs		
Optional OSR capie , OSR - O.I.	Optional	USB cable, USB - 01		
Accessories RS232 cable , UPCB - 02	Accessories	RS232 cable , UPCB - 02		
Data Acquisition software SW-U801-WIN		Data Acquisition software SW-U801-WIN		
* Real time SD card datalogger		* Real time SD card datalogger		
DL-9602SD		DL-9602SD		
* GSM controller, GSM-889.		* GSM controller, GSM-889.		
* Interface cable (cable between meter		1		
to GSM-889), GMCB-89.		to GSM-889), GMCB-89.		

ELECTRICAL SPECIFICATIONS

DC Current (+.-)

Range	Resolution	Accuracy
200u A	0.1u A	± (0.3 %+5d) Reading
2m A	0.001m A	± (0.3 %+5d) Reading
20m A	0.01m A	± (0.3 %+5d) Reading
200m A	0.1m A	± (0.3 %+5d) Reading
2A	0.001A	± (0.3 %+5d) Reading
10A	0.01A	± (0.3 %+5d) Reading
1071	0.0171	= (0.0 /0 / 0d) Redding

Remark :

- * Measuring Signal come from the rear terminals .
- * Max. input : T14 2A / T12 10A .
- * The above spec. accuracy are tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.

^{*} Appearance and specifications listed in this brochure are subject to change without notice.