Pr§ense Digital Panel Meter DPM3-E Series	Could be	Progra
Quick Start Guide	If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call us at 1-800-633-0405 or 770-844-4200. This publication is based on information that was available at the time it was printed. At Automationdirect.com® we constantly strive to improve our products and services, so we reserve the right to make changes to the products and/or publications at any time without notice and without obligation. This publication may also discuss features that may not be available in certain revisions of the product.	
Models: DPM3-E-H DPM3-E-L DPM3-E-A2R-H DPM3-E-	 WARNING! Electric shock danger 1. Keep away from high-voltage and high-frequency environment during the installation to prevent interference. Avoid using the device in environments which contain: (a) dust or corrosive gas; (b) high humidity or high radiation; (c) shock or vibration 2. Make sure the input power is switched off when installing or uninstalling the DPM3 to prevent harm to 	# 1 T 2 N 3 N 4 P
This Quick Start Guide provides basic information for configuring the ProSense DPM3 series digital panel meters. For more specific information and advanced configuration instructions please visit www.AutomationDirect.com and download the free instruction manual for this DPM3 series. Features	personnel or equipment.3. Before switching on the input power, check the signal connection, e.g. the input voltage and polarity. Voltage that is too high may cause damage to the DPM3.4. Front cover should be cleaned only with a soft cloth soaked in neutral soap product. DO NOT USE SOLVENTS.	5 C 6 U 7 S
• 96 x 48mm 1/8 DIN • Optional (2) Form C SPDT • 5 digit (-19999 to 19999) tri-color (red, green, amber) Activation on increasing or decreasing input signal • Selectable decimal point Hysteresis or time delay operation	5. Outputs remain active in Programming Mode. Wiring Terminals CN1 CN2	8 E 9 F 10 L 11 L
True RMS for AC voltage and current inputs Display color change on relay operation AC/DC voltage input 600V, 200V, 2V Configuration for direct or reverse acting AC/DC current input 200mA, 1A, 5A, shunt 50mV, shunt 60mV, shunt 100 mV Programmable functions include:	Note: For additional wiring information download complete manual from www.AutomationDirect.com AC Supply DC Supply Electrical Inputs 1 Line 1 VDC 2 Shunt / 2V 2 Neutral 2 VDC 3 200mA	12 l 13 l
AC or DC powered Minimum (valley) and maximum (peak) value Display scaling or teaching modes memory Optional 4-20mA analog output Minimum (valley) and maximum (peak) value reset Hold Filtering to minimize display bounce		Return
• Display brightness adjustment	Connector CN1 CN2 CN3 CN4 & CN5 CN6 Wire cross 0.08 to 2.5mm ² 0.08 to 1.5mm ² 0.08 to 0.5mm ² 0.08 to 2.5mm ² 0.08 to 2.5mm ² 0.08 to 2.5mm ² 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² 0.08 to 0.5mm ² 0.08 to 2.5mm ² 0.08 to 2.5mm ² 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² 0.08 to 2.5mm ² 0.08 to 2.5mm ² 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² Wire tross 0.08 to 2.5mm ² 0.08 to 2.5m	
Sealing gasket	Strip lengtin 8 to 9mm 5 to 6mm 5 to 6mm 8 to 9mm 8 to 9mm 8 to 9mm Manufacturer Wago 231- 202/026-000 Wago 734-105 Wago 733-104 Wago 231- 303/026-000 Wago 231- 302/026-000 Wago 231- 302/026-000 Mago 231- 302/026-000	Total Co Note: For www.Autor
48mm 48mm 96mm 96mm	CN2 and CN3 Terminals Insertion Tool (included with meter) Insert wires into the proper terminal while using the insertion tool to open the clip inside the connector. Release the insertion tool to fix wire to the terminal.	
To install the instrument, prepare a 92mm x 45mm panel cut-out and slide the unit inwards making sure to place the sealing gasket between the front side panel and the front bezel. While holding the unit in place, put the fixing clips on both	Warning: If this instrument is not installed and used in accordance with these instructions, the protection provided by it against hazards may be impared. To meet the requirements of EN 610101-1 standard, where the unit is permanently connected to main supply, it is obligatory to install a circuit breaking device that is easily reachable by the operator and clearly marked as the disconnecting device. To guarantee electromagnetic compatibility, the following guidelines should followed:	
sides of the case and slide them through the guide tracks until they reach the panel at the rear side. Press slightly to fasten the clips to the latching slots on the case and get the unit fully assembled and close fitted to achieve a good seal.	Power supply wires should be separately routed from signal wires and never ran in the same conduit.	Additic
To remove the instrument from the panel, pull the rear fixing clips latching tabs outwards until they are disengaged, then slide the fixing clips back over the case.	connect more than one input signal to the meter simultaneously.	• For addition team @ 1-6

ogramming Panel Keys



Programming Panel			
Description	Run Mode	Programming Mode	
True RMS	Indicates reading AC using true RMS		
MAX	Indicates peak displayed		
MIN	Indicates valley displayed		
PROG		Indicates programming mode	
DISPLAY	Displays the input variable	Displays programming parameters	
UP	Direct access to setpoints	Increments the value of the flashing digit	
SHIFT/MAX/MIN KEY	Recalls Max/Min values	Moves to the right	
ENTER KEY	Enters in PROG mode. Displays data	Accepts data. Advances program	
Free space for units label			
LED Output 4			
LED Output 3			
LED Output 2	Activaton Output 2	Programming output 2	
LED Output 1	Activation Output 1	Programming output 1	

turn to Factory Configuration



al Configuration Lock-out

e: For selective lock-out configuration download complete manual from v.AutomationDirect.com



ditional Help and Support

or additional information on this product download the complete manual om www.AutomationDirect.com

or additional technical support and questions, call our Technical Support am @ 1-800-633-0405 or 770-844-4200





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Quick Start Guide: DPM3-E-H, DPM3-E-2R-H, DPM3-E-L, DPM3-E-2R-L

nical Specificatio				
CVoltage	DC Current	AC Current		
V75kΩ	200mA0.75 Ω 1A0.014 Ω	200mA 0.75 Ω 1A0.014 Ω		
V850kΩ	5A0.014 Ω	5A0.014 Ω		
)V850kΩ)V850kΩ	50mV 1.8 MΩ 60mV1.8 MΩ	50mV 1.5 MΩ 60mV1.5 MΩ		
V	100mV1.8 MΩ	100mV1.5 MΩ		
True RMS Measurement	-	40Hz to 10kHz True RMS Measurement		
/0.1 mV	200mA0.01 mA 1A1mA	200mA0.01 mA 1A1mA		
0V1mV	5A1mA	5A1mA		
0V10mV	50mV0.01 mV	50mV0.01 mV		
)V0.1 mV	60mV0.01 mV 100mV0.01 mV	60mV0.01 mV 100mV0.01 mV		
	200mA 0.1 % rdg ± 0.05 mA	200mA 0.3 % rdg ± 0.05 mA		
3% rdg ± 0.3 mV	1A0.1 % rdg ± 5mA	1A0.3 % rdg ± 5mA		
.3% rdg ± 3mV	$5A0.1$ % rdg \pm 5mA	5A0.3 % rdg ± 5mA		
.3% rdg ± 30mV).3% rdg ± 0.3 V	50mV 0.1 % rdg ± 0.1 mV 60mV0.1 % rdg ± 0.1 mV	50mV 0.3 % rdg ± 0.1 mV 60mV0.3 % rdg ± 0.1 mV		
	100mV0.1 % rdg ± 0.1 mV	100mV0.3 % rdg ± 0.1 mV		
	AC II	nnut:		
AC Input: 3% to 100% of input range				
ture cient	45 Hz to 400 40 Hz to 10 kHz Accura			
g	Crest Factor: 3, Accuracy +/-(0.2% + 10			
	Sigma-Delta			
	±15 bits			
	20 times per second			
-19999 / +19999, 5 LED digits 14mm (Programmable color Red, Green, Amber)				
	8, functions and outputs status			
	20 times per second			
"-oUEr" , "oUEr"				
Nominal contact rating				
Operate	time			
4-20 mA Sourcing				
≤500Ω				
13 bits				
0.1%FS ±1 bit 10ms				
	0.5µА / °С			
85-265 VAC 50/60 Hz (100-300 VDC), (recommended fusing 0.5A/250V, DIN 41661) 22-53 VAC 50/60 Hz (10.5 - 70 VDC), (recommended fusing 2A/250V, DIN 41661)				
5W without options, 8W max.				
	4Hz to 0.05Hz			
20dB/Dec.				
-10°C to +60°C (14°F to 140°F)				
-25°C to +85°C (-13°F to 185°F)				
<95% @ 40°C (104°F)				
2000m				
IP65				
No corrosive gases permitted				
CE				