



	Technical Spe			
Input	Range	Resolution	Input Impedance	Accuracy
	±10V	1mV	1ΜΩ	±(0.1% rdg+3mV)
	±60V	3mV	1ΜΩ	±(0.1% rdg+18mV)
	±100mV	10µV	100MΩ	±(0.1% rdg+30µV)
	±20mA	1μA	12.1Ω	±(0.1% rdg+6µA)
ensor Excitation		20V±5VDC @ 30mA		
Accuracy Conditions	Temperature coefficient	100ppm/°C		
	Warm-up time	15 minutes		
	Temperature	23°C±5°C		
Conversion	Technique	Sigma-Delta		
	Resolution	±15 bits		
	Conversion rate	25 times per second		
Display	Range	-1999 to +9999, selectable decimal point position		
	Туре	4 digit 8mm (0.31"), red		
	LEDs	Relay 1, Relay 2, Tare, Programming Mode		
	Display refresh rate	5 times per second		
	Display / Input overrange indication	"- DUE" , "DUE"		
	Relays refresh, maximum and minimum value	10 times per second		
Relays	2 Relays (Form A) SPST normally open	5A@250VAC / 30VDC		
Analog Output (0/4-20mA Sourcing) (Models DPM1-A-A2R-H & DPM1-A-A2R-L only)	Resolution	5.5µA		
	Accuracy	±(0.3% rdg+40µA)		
	Temperature coefficient	ЗµА/°С		
	Maximum load	≤500Ω		
Power Supply and Fuses	DPM1-A-2R-H, DPM1-A-A2R-H	85-265VAC 50/60Hz or 100-300VDC (Recommended fusing 0.2A/250V, DIN 41661)		
	DPM1-A-2R-L, DPM1-A-A2R-L	21-53VAC 50/60Hz or 13.5-70VDC (Recommended fusing 1.0A/250V, DIN 41661)		
Filter	Cutoff frequency	0.4Hz to 0.004Hz		
	Slope	20dB/Dec.		
Environmental Conditions	Operating temperature	-10°C to +60°C (14°F to 140°F)		
	Storage temperature	-25°C to +85°C (-13°F to 185°F)		
	Relative humidity (non condensing)	<95% @ 40°C (104°F)		
	Maximum altitude	2000m		
	Frontal protection degree	IP65		
Environmental Air	No corrosive gases permitted			
Agency Approvals	CE			

Additional Help and Support

- For additional information on this product download the complete manual from www. AutomationDirect.com
- For additional technical support and questions, call our Technical Support team @ 1-800-633-0405 or 770-844-4200
- Scan or click the QR link for configuration and programming videos for the ProSense DPM Series Panel Meters

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