



Programming Panel					
Description	Run Mode	Programming Mode			
4 digit display Red	Shows value according to configuration.	Shows steps and data during configuration.			
Vinus sign	Not used	Not used			
Keyboard					
Setpoint 1 LED	Illuminates when setpoint 1 turns active.	Illuminates when setpoint 1 turns active.			
JP key	Main counter Reset (when pressed >3s)	Shows setpoint value. Increases value of active digit.			
SHIFT key	Displays maximum and minimum stored values (tachometer mode only). After 3s of pressing, sets maximum and/ or minimum memorized value to current display value (tachometer mode only). Shows sequentially totalizer value in two parts, 'H' and 'L' of 3 digits each (counter mode only). Totalizer RESET (when pressing more than 3s)	Shifts active digit to the next right digit. Shows sequential menu options.			
DATA/ENTER key	Changes to PRO mode.	Validates selected data and parameters. Moves one step forward in configuration menu. Changes to RUN mode.			
Setpoint 2 LED	Illuminates when Setpoint 2 turns active.	Illuminates when Setpoint 2 turns active.			
ree space for units abel					

	on information download the comp	plete manual from www.AutomationDirect.com			Maximum Frequency
Image: Book of the second seco	Mode	ENTER: Vertical displacement.		Signal Input	
	ramming Mode. If total parameter loc	k (A) UP: Changes active digit.			Minimum Frequency (tachor
	has been enabled, dAtA will be display ead of Pro	SHIFT : Horizontal displacement.		AC voltage Input*	Range
Input Menu	→ d5P Display menu			Magnetic Sensor Input	Sensitivity
0-600 VAC			Wiring		R _C
	☐ /r Select direct prop	portional		NAMUR Sensor	I _{ON}
t Rate for rALE	Frequency value		DPM2-P AC VOLTAGE INPUT		R _C
ave Values 5tor				NPN/PNP Sensors Input	Logic level "0"
	BBBB Enter 1000 for th Colort desired desire			in hy in concore input	Logic level "1"
Run Mode 888	BBB B point position. xx		-IN (COMMON)		Logic level "0"
	this example			TTL/24V Encoder Input	Logic level "1"
	d5P / Display value				V _C
	BBBB Enter 1000 for th	is example		Switched Contact Input	R _C
					Cutoff frequency (Fc)
	Select desired de point position. xx				Accuracy
	this example			Accuracy at 23°C ±5°C (tachometer rpm or rate modes)	Temperature coefficient
	<u>5 L o r</u> Save Values				Warm-up time
	BBBB Run Mode			Power Supply and Fuses	(Red
				Power Consumption	
				Sensor Excitations	
el DPM2-P-2R-HL E	xample Application:		Wiring		Range
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Quick start guide: DPM2-P-HL, DPM2-P-2R-HL

Technical Specifications				
	7.5 kHz (counter mode) 25kHz (tachometer rpm or rate modes)			
chometer rpm or rate modes)	0.01 Hz			
	10 to 600 VAC			
	Vin min. \geq 100mV for f \geq 1kHz			
	1kΩ			
	< 1mA DC			
	> 3mA DC			
	1kΩ			
	< 2.4 VDC			
	> 2.6 VDC			
	< 2.4 VDC			
	> 2.6 VDC			
	5V (internal)			
	3.9 kΩ			
	20Hz			
	± (0.01% of reading +1digit)			
	50ppm / °C			
	5 minutes			
20-265VA0				
(Recommended fusing 3A/250V, 5mr	C 50/60 Hz or 11-265VDC n x 20mm glass miniature or DIN 41661 equivalent)			
	3W			
8V @ 60	mA ; 24V ± 3V @ 30mA			
	0 to 9999			
	4 digit, 14mm (0.55")			
	0 to 999999			
	Configurable			
	Relay 1, Relay 2			
nometer rpm or rate modes)	0.1 s to 9.9 s (configurable)			
ange indication	"OuE"			
inimum value refresh	10 times per second			
	Keypad			
lizer)	Keypad			
	Switched contact			
IIN. RESET functions (tachometer	Keypad			
rent (resistive load)	8A			
ver	2000VA / 192W			
tage	400VAC / 125VDC			
	8A @ 250VAC / 24VDC			
	\leq 100m Ω at 6 VDC @ 1A			
	SPDT			
	≤ 10ms			
	-10°C to +60°C (14°F to 140°F)			
	-25°C to +85°C (-13°F to 185°F)			
ondensing)	<95% @ 40°C (104°F)			
	2000m			
3	IP65			
	rosive gases permitted			
CE				
400Hz.				