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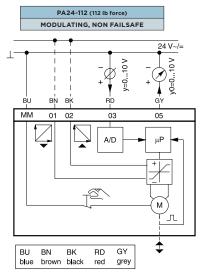
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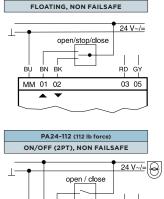
PA Series Actuators PAM24-112

Те	Technical Specifications - PAM24-112 Actuator						
Electrical	Actuator Model	PAM24-112	For Simple Set 2" High Flow Valves & Simple Set Max PIC Valve sizes 2-1/2" to 3"				
	Type	On/Off, Floating and Modulating					
	Force	112 lb-force					
	Operating Voltage	24 VAC (+/-20%) at 50/60 Hz or 24 VDC (+20%, -10%)					
	Power Consumption	3.5 W, 6.6 VA					
	Input Signal	On/Off, Floating and Modulating - 0 to 10 V, Ri> $100k\Omega$					
	Feedback Signal	0 to 10 V, Load> 10 kΩ Starting Point U ₀ 0 or 10 V Control Span ΔU 10 V Switching Range Xsh 200 mV					
	Electrical Connection	5 x 20 AWG (0.20 mm²)					
Enviromental Operation	Fail Safe	No					
	Action	Direct or Reverse Acting					
	Stall Protection	Auto Shutoff for end of travel and jammed/stuck					
	Runtime	150 Seconds default (DIP switch adjustable) at full stroke for Simple Set Max 2-1/2" & 3"					
	Response Time	200 ms					
	Stroke	0.31 to .78 inches (8 to 20mm					
	Cycle Life	80,000					
	Manual Overide	Yes					
	Enclosure Rating	IP54 (NEMA 3S Equivalent); Flame Retardent Plastic - Not intended for outdoor use without additional protection.					
	Ambient Conditions	Ambient Temperature — 14° to 131°F (-10° to 55°C) Max. Media Temperature — 212°F (100°C) Humidity Rating — 5 to 85% RH Non Condensing					
En	Dimensions	(L) 6.40"x (W) 2.80"x (H) 7.90"					
	Weight	2.1 lb. (1 kg)					
Misc	Agency Certifications CE						
Ξ	Warranty	5 Years limited from time of shipment.					

Note: For additional operating information consult PAM24-112 IOM Manual. The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the nearest Bray office. Bray controls shall not be liable for damages resulting from misapplication or misuse of its products.

PAM24-112 (112 lb force) ON/OFF, FLOATING & MODULATING, NON-FAILSAFE





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PA24-112 (3PT) (112 lb force)

	DIP SWITCHES			
Running Time per mm			Running Time for 20 mm of Stroke	
7.5 S Default Setting for SS PIC Valve	1 2 3 ON OFF Run Time - Switch (1) Characteristic - Switches (2) & (3)	60 s ± 2	150 s ±5	
15 s	Run Time - Switch (1) Characteristic - Switches (2) & (3)	120 s ± 4	300 s ±10	

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