

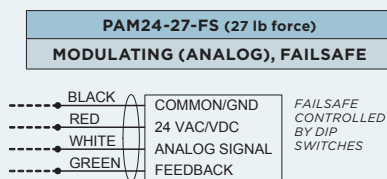


## PA Series Actuators PAM24-27-FS

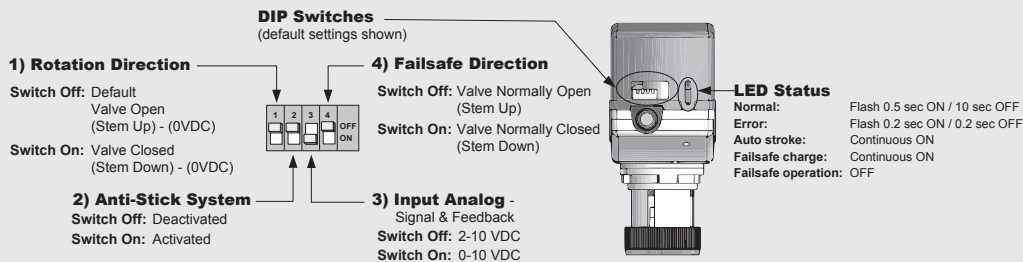
Technical Specifications - PAM24-27-FS Actuator		
Electrical	Actuator Model	PAM24-27-FS For Simple Set PIC Valve sizes 1/2" to 1-1/4"
	Type	Modulating
	Force	27 lb-force
	Operating Voltage	22 to 26 AC/DC
	Power Consumption	10 VA
	Input Signal	Analog, 0-10VDC or 2-10VDC; 4-20mA with external 500Ω resistor
	Feedback Signal	0-10VDC or 2-10VDC
	Input Impedance	100 K
Operation	Electrical Connection	4-wire halogen free cable 18 AWG (0.8 mm <sup>2</sup> ), 3.2 feet (1M) long)
	Fail Safe	Yes - 60 Seconds Runtime
	Fail Safe Function	Electronic - Enerdrive <sup>1</sup>
	Stall Protection	Auto Shutoff for end of travel and jammed/stuck
	Runtime	120 Seconds
	Direction	Reversible. Default - Up to Open
	Auto Stroke	Yes
	Cycle Life	30,000
Environmental	Manual Override	Yes
	Enclosure Rating	IP54 (Equivalent to NEMA 3R) - Not intended for outdoor use without additional protection.
	Ambient Conditions	Operating — 36°F to 122°F (2°C to 50°C) Media Temp. — 36°F to 248°F (2°C to 120°C) Storage — -22 to 122°F (-30 to 50°C) Humidity Rating — 5 to 95% RH Non Condensing
	Audible Noise Rating	>35 dBA
	Dimensions	(L) 4.09"x (W) 2.08"x (H) 3.62"
Misc	Weight	0.9 lb. (0.4 kg)
	Agency Certifications	UL, CE
	Warranty	5 Years limited from time of shipment.

Note<sup>1</sup>: The Enerdrive system is a patented method of storing energy (using super capacitors) that is later used to drive the actuator to its failsafe position during a power failure. For additional operating information consult PAM24-27-FS 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.

### WIRING - (CABLE)



### DIP SWITCHES



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