PAX type Electric Actuator Specifications

FEATURE

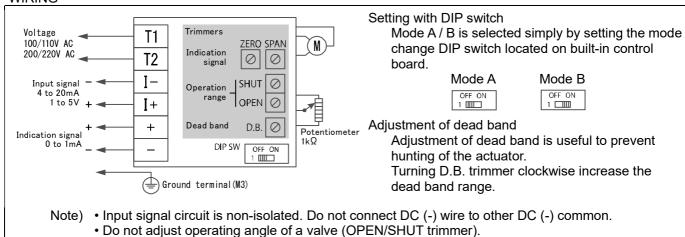
A light weight, compact and long service life electric actuator built in high reliability and proportional motor.

SPECIFICATION

Actuator type (□:Voltage code	PAX-050-□	PAX-120-□	
Voltage	,	Code: 1) Code: 2)	
Rated torque [N-	m] 5	12	
Operation time	s] 14 / 12 (50/60 Hz)	30 / 25 (50/60 Hz)	
Power consumption [9.5		
Motor	Synchronous motor (Triac control)		
Overload protection	Impedance protect		
Method of operation	Proportional control		
Input signal	4 to 20 mA / 1 to 5 V (Input resistance: 250 Ω)		
Operation *1	[Mode A] SHUT by decreased signal ↔ OPEN by increased signal (Standard) [Mode B] SHUT by increased signal ↔ OPEN by decreased signal (Option: J)		
Indication signal	0 mA : SHUT \leftrightarrow 1 mA : OPEN (External load resistance: less than 3 k Ω) Common in mode A / B		
Resolution	Less than 0.2 %		
Duty cycle	100 %		
Ambient temperature	-20 to 55 °C		
Space heater	1 W		
Manual operation	Direct operation of actuator by loosening lock screw		
Enclosure	Equivalent to IP65 (IEC 60529)		
Housing material	Aluminum alloy die cast + Polycarbonate resin cover		
Terminal block	For bare wire 0.2 to 1.5 mm ² (AWG 26	For bare wire 0.2 to 1.5 mm² (AWG 26 to 16) Ground terminal: M3	
Conduct port	G3/8 Cable gland (for Φ5 to 10.5 mm cable)		

³ way valve: SHUT / Position①, OPEN / Position②.

WIRING



Please contact us if you need to adjust operating angle.

^{*}¹ Change by DIP switch. (Standard → Mode B)