



Non-Spring Return S70-xxxx Actuator

Table 6: S70 NSR Actuators for 2"…18" 2-Way and 2"…16" 3-Way Valves

Model Number	Actuator Code	Power ^a	Input Signal	Feedback	Power Loss Mode	Accessories
S70-120-0061-H (VAxS)	E10	E=120 Vac F=24 Vac	On/off, floating	-	NSR	Two SPDT Auxiliary Switches and heater (standard)
S70-120-0121-H (VAxS)	E20					
S70-120-0201-H (VAxS)	E30					
S70-120-0301-H (VAxS)	E40					
S70-120-0501-H (VAxS)	E50					
S70-120-0651-H (VAxS)	E60 (120 Vac Only)					
S70-120-1300-H (VAxS)	E70 (120 Vac Only)					
S70-120-1800-H (VAxS)	E80 (120 Vac Only)					
S70-120-0061-SV (VSxS)	E12		0…10 Vdc, 4…20 mA	0…10 Vdc, 4…20 mA		
S70-120-0121-SV (VSxS)	E22					
S70-120-0201-SV (VSxS)	E32					
S70-120-0301-SV (VSxS)	E42					
S70-120-0501-SV (VSxS)	E52					
S70-120-0651-SV (VSxS)	E62 (120 Vac Only)					
S70-120-1300-SVH (VSxS)	E72 (120 Vac Only)					
S70-120-1800-SVH (VSxS)	E82 (120 Vac Only)					

a. For 24 Vac valve assemblies use F in place of E in the third field (VAFS-6200-F10-L-11). E10 becomes F10 for 24 Vac powered. (F10 actuator code=S70-24-0061-H actuator) For additional voltages contact customer service.

Specifications

Actuator Code (70 Series)

Power Loss Mode	Non-spring return.	Ambient Temperatures	-40 to 150 °F (-40 to 60 °C).
Control Signal		Regulatory Compliance	c-UL-us LISTED mark and CE mark
Actuator Code	Ex0 (120 Vac) or Fx0 (24 Vac) On/off, floating	Standard Auxiliary Switch	(Included) 10 A resistive at 125/250 Vac, 1/2 A at 125 Vdc.
Actuator Code	Ex2 (120 Vac) or Fx2 (24 Vac) Factory configured for 4…20 mA with a 250 W input impedance, field configurable for 0…10 Vdc or 2…10 Vdc.	Heater	15 W.
Power Requirements	120 Vac or 24 Vac, 50/60 Hz.	Manual Operator with Disconnect	Hand wheel with power disconnect provided on all S70 actuator models.
E1x/F1x	1.5 ^a		
E2x/F2x,E3x/F3x	2.1 ^a		
E4x/F4x,E5x/F5x,E6x	3.0 ^a		
Environment	NEMA 4.		