SKD Valve Actuator

NEW!

24 Vac, Proportional Control 0 to 10 Vdc or 4 to 20 mA Spring Return or Non-Spring Return



Flowrite SKD Valve Actuator.

Description

Designed for use with the Flowrite and other standard valves with a 3/4" (20 mm) stroke, the Flowrite SKD Electronic Valve Actuator receives a 0 to 10 Vdc or 4 to 20 mA control signal to proportionally control the valve. The spring return actuators are available with standard or advanced functionality.

Features

Standard Features

Part nos. with U suffix have these standard features:

- Direct-coupled installation requires no special tools or adjustments
- · Visual and electronic stroke indication
- Die-cast aluminum housing
- 250 lb. (1150 N) nominal force
- 0 to 10 Vdc or 4 to 20 mA
- · Integral position feedback
- · Manual override
- · Spring return or non-spring return
- Maintenance-free

Advanced Features (Spring return only)

Part nos. with UA suffix have standard features, plus these advanced features:

- Adjustable start and span
- · Stroke limit control
- · Selectable operation direction (direct or reverse acting)
- Choice of linear or equal percentage flow characteristics
- Designed to be used with other manufacturer's valves with the appropriate Universal Valve Retrofit Kit

Applications

The Flowrite SKD Electronic Valve Actuator requires a 24 Vac supply and is designed to be used with Flowrite and other standard valves in liquid and steam service applications.



SKD Actuator Specifications

Operating Voltage	24 Vac ±20%
Frequency	50/60 Hz
Power Consumption	17 VA (12 W)
Control Signals	
Control Input (Y)	
Voltage	0 to 10 Vdc
Current	
Control Input (R)	
Resistance	0 to 1000 Ohms
Voltage	0 to 1.6 V
Position Feedback Output (U)	
Voltage	0 to 10 Vdc
Max. Current	0.5 mA max.
Position Feedback Output (U)	
Current	4 to 20 mA
Max. Impedance	
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Function Nominal StrokeRun Time with Control Operation (Full Stroke	
Pushing Stroke, 0 to 100%	30 sec.
Pulling Stroke, 100 to 0%	15 sec.
Nominal Force	
NC and 3-way Upper	
Stroke	0%
Force	225 lbs. (1000 N)
NO and 3-way By Pass	
Stroke	100%
Force	258 lbs. (1150 N)
Agency ApprovalsUL873, cUL, CSA C	22.2 No. 24-93, CE N474
Operating	
Ambient Temperature	5 to 130°F (-15 to 55°C)
Media Temperature1	
Conduit Opening	1/2" NPSM
Housing	NEMA 1 (Interior Only)

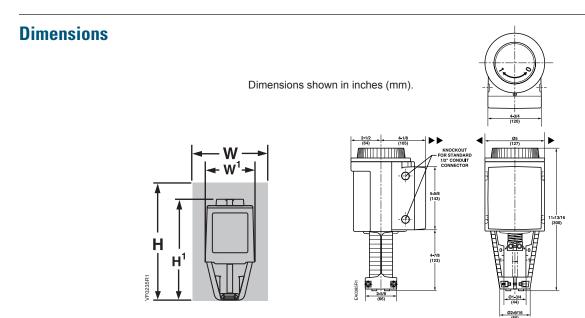
A-188

SKD Actuator Product Ordering

Description	Part No.	Actuator Prefix Code
24 Vac, Proportional Control, Non-Spring Return	SKD60U	267
24 Vac, Proportional Control, Spring Return	SKD62U	274
24 Vac, Proportional Control with Advanced Features, Spring Return	SKD62UA	_

Ordering Note:

The SKD62UA can be used with other manufacturer's valves with the appropriate Universal Valve Linkage Kit.



Height of Actuator H ¹	Service Height H	Width/Diameter of Actuator W ¹	Service Width W
11-13/16" (300 mm)	19-3/4" (430 mm)	6-5/8" (170 mm) Width	14-1/2" (360 mm)

Service height and width are the recommended dimensions to allow access to the product.

A-257

