



HAZARDOUS LOCATIONS

ROTORK SCHISCHEK EXPLOSION PROOF ACTUATOR EXMAX SERIES

DESCRIPTION

The Rotork Schischek EXMAX Series Explosion Proof actuators are designed for installation in a hazardous environment. They provide accurate and reliable spring return and non-spring return control for dampers.

NEW!



FEATURES

- Class I, Division 1, Class II & III, Division 1, Groups A, B, C, D, E, F, G
- Full range of Non and Spring Return actuators
- Approved for dampers



Exmax Series



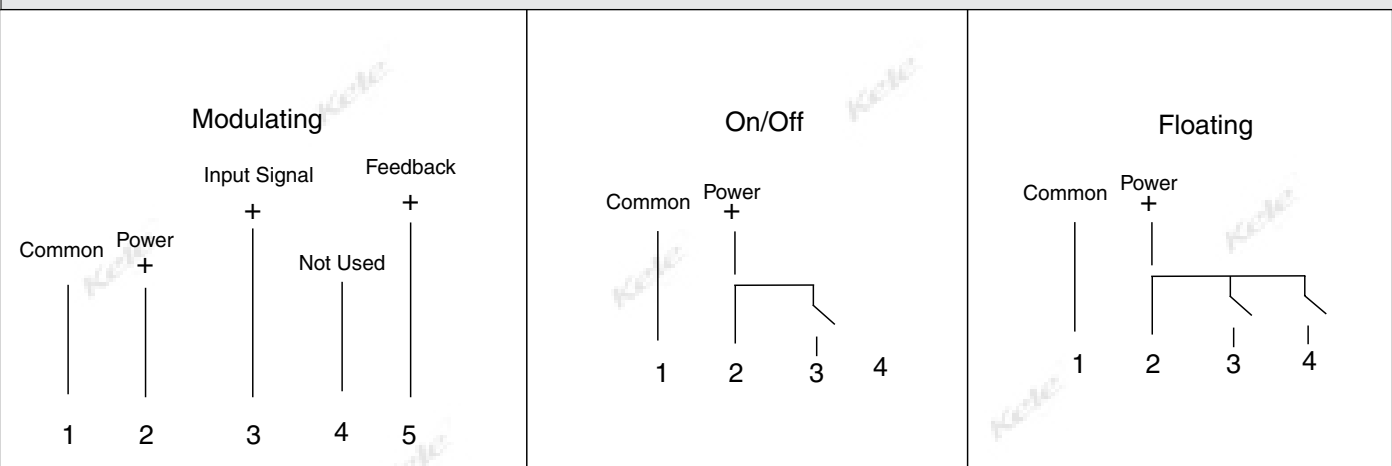
8

HAZARDOUS LOCATIONS

SPECIFICATIONS

| | | | |
|----------------------------------|--|------------------------------|---|
| Supply Voltage 45, 135 | 24-240 VAC, 50/60 Hz, @ 6.3 VA; 24 VDC @ 0.04 mA | Runtime 45, 135 | 3/15/30/60 seconds adjustable |
| 270,450 | 24-240 VAC, 50/60 Hz, @ 18 VA; 24 VDC @ 0.11 mA | 270, 450 | 40/60/90/120 seconds adjustable |
| Input Signal | 0-10 VDC, 4-20 mA @ 100Ω or On/ Off, Floating (24 to 240 VAC/VDC) | Spring Return | 10 seconds |
| Feedback Signal | 0-10 VDC, 4-20 mA @ 800Ω | Cable Length | 36" (1 m) |
| Maximum Shaft Size | 1/2" x 1/2" square (12 x 12 mm) | Operating Temperature | -40° to 122°F (-40° to 50°C) |
| Minimum Shaft Length | 1" (2.5 cm) | Operating Humidity | 0 to 90% non-condensing |
| Rotation | 95° | Enclosure Rating | Nema 4X (IP66) |
| Manual Override | Crank included | Dimensions | |
| Torque | | 45, 135 | 8.3" H x 3.7" W x 3.2"D (21 x 9.4 x 8.1 cm) |
| 45 model | 45 in/lb (5 Nm) | 270, 450 | 11.3"H x 5.9"W x 4.6"D (28.7 x 15 x 11.7 cm) |
| 135 model | 135 in/lb (15 Nm) | Weight | |
| 270 model | 270 in/lb (30 Nm) | 45, 135 | 8 lb (3.6 Kg) |
| 450 model | 450 in/lb (50 Nm) | 270, 450 | 23 lb (10.4 Kg) |
| | | Approvals | UL File #E340805, CSA |
| | | Warranty | 1 year |

WIRING



NEW!

HAZARDOUS LOCATIONS

ROTORK SCHISCHEK EXPLOSION PROOF ACTUATOR EXMAX SERIES



ORDERING INFORMATION

| MODEL | DESCRIPTION |
|---------|---|
| EXMAX | Explosion Proof Direct Coupled Actuator |
| | SIZE (in-lbs) |
| 45.90 | Both non-spring and spring return |
| 135.270 | Only non-spring |
| 450.675 | Only non-spring |
| 135 | Only spring return |
| 270 | Only spring return |
| | CONTROL TYPE |
| A | On/Off, Floating; non-spring return |
| YA | 4-20 mA, 0-10VDC; non-spring return |
| FA | On/Off, Floating; spring return |
| YFA | 4-20 mA, 0-10VDC; spring return |

EXMAX – **135.270** – **YA** *Example:* **EXMAX-135.270-YA** Explosion proof direct coupled actuator, only non-spring, 4-20 mA, 0-10VDC; non-spring return.

RELATED PRODUCTS

| | |
|------------------|---|
| DCPA-1.2 | Power supply, 120 VAC In to 24 VAC/24 VDC Out |
| 691-K0A | Control transformer, 120:24 VAC, 40 VA, Class 2 |
| DCP-1.5-W | Power supply, 24 VAC IN to 24 VDC OUT |