

DtiCorp.com Is Introducing The New Honeywell ML4115A1009 Actuator

The ML4115, ML8115 Fast-Acting, Two-Position Actuators are spring return direct coupled actuators (DCA) with an integral junction box for on/off damper control. The actuator accepts an on/off signal from a single-pole, single-throw (spst) controller.

February 7, 2012 (FPRC) -- Popular Honeywell online retailer DtiCorp.com (<http://www.DtiCorp.com>) is introducing the brand new Honeywell ML4115A1009 Fast-Acting, Two-Position Actuator – 30 lb-in, Spring Return CCW, 120 Vac +/-10%. The ML4105, ML4115, ML8105, and ML8115 Fast-Acting, Two-Position Actuators are spring return direct coupled actuators (DCA) with an integral junction box for on/off damper control. The actuator accepts an on/off signal from a single-pole, single-throw (spst) controller. Models are available with clockwise (cw) or counterclockwise (ccw) spring return and are designed to operate reliably in smoke control systems requiring Underwriters Laboratories Inc. UL555S ratings up to 350°F.

Features:

- 30 lb-in. (3.4 Nm) minimum driving torque at 350°F (176°C).
- Integral spring return ensures level of return torque.
- Stainless steel internal spring.
- Fifteen-second spring return timing.
- No special cycling required during long-term holding.
- No audible noise during holding.
- Patent pending design eliminates need for limit switches to reduce power consumption.
- Models available for 24 and 120 Vac.
- Ninety-five degree angle of rotation.
- Actuator holds rated torque at reduced power level.
- Die-cast aluminum housing.
- Housing design allows flush mounting to damper.
- Integral junction box with three conduit openings

Specifications:

- Minimum Damper Shaft Length: 1-3/4 in. (45 mm).

- Device Weight: 5 lb (2.3 kg).
- Stroke: 95° ± 3°, mechanically limited.
- Honeywell does not recommend using linkages with these actuators because side-loading of the output hub reduces actuator life.
- Temperature Ratings:
 - Ambient: 0°F to 130°F (-18°C to 55°C).
 - Shipping and Storage: -40°F to 140°F (-40°C to 60°C).
 - The actuator is designed to meet UL555S standards at 350°F (176°C). The actuator must be tested with the damper to achieve this rating.
- Humidity Ratings: 5% to 95% RH noncondensing.
- Noise Rating (Maximum):
 - Driving Open: 65 dBA at 1m.
 - Holding: 20 dBA at 1m (no audible noise).
- Design Life (at Rated Voltage): 60,000 full stroke cycles.

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