



ModuDrive™ Linear Actuator

ModuDrive™ IIoT linear actuators are used for rotary or linear control and positioning. Typical applications are:

- Automated ventilation regulators and louvers
- Automated safety gates for ramp traffic control
- Automated ventilation dampers

Benefits

- Eliminate costly and high-maintenance hydraulic and pneumatic actuators.
- Lower CAPEX by removing the need for hydraulic powerpacks or systems to drain water from compressed air lines.
- Decrease OPEX with real-time advanced diagnostics via Duetto Analytics.
- Easily connect to any electrical power source and network.
- Utilize soft start and stop functions to prevent inertia damage.

Series = ModuDrive™ Ethernet Actuator

MD = ModuDrive™ Ethernet Actuator; Webpage configurable; Built-in PID controller; IP65/NEMA 4X enclosure complete with mounting feet; Universal power supply (100-240 VAC, 50-60 Hz, 6.3 Amp (typical 2 amp current draw at 120 VAC); Large Tri-colour LED alarm indicator; CE Compliant; 3.5 kg (8 lb)

1 = Linear actuator

NR = Not Required.

001 = 200 mm (7.8 inches) stroke length; 10,000 Newton force (2200 lbs force); -30 to +65°C (-22 to +149°F); Ruggedized coated anodized aluminum; IP66 and wash down to IP69K; 304 Stainless Steel piston rod and screws; 5.5 kg (12 lb)

002 = 400 mm (15.7 inches); 10,000 Newton force (2200 lbs force); -30 to +65°C (-22 to +149°F); Ruggedized coated anodized aluminum; IP66 and wash down to IP69K; 304 Stainless Steel piston rod and screws; 10 kg (22 lb)

2 = Communications

MB = Native on-board Modbus Ethernet TCP/IP communication protocol. All values, inputs and outputs and diagnostics are available through the digital registers.

3+ = Options (Extend matrix as required)

IM = Mounted on an aluminum checker plate, c/w stainless steel mounting hardware.

ESA = ESA (Electrical Safety Authority) approval for general purpose applications.

CSA = CSA special approval for general purpose applications.

ES = Labels and documentation in Spanish.

SST = Stainless Steel Tag; 4-lines; 1.75" H x 4" W

PT = Polyester Tag; 5-lines; 1.25" H x 2.75" W



Linear Actuator

Communications

Options

MD

1

MB

3+