

THE ORIGINAL. BE SAFE.

EMG ELDRO® / ELHY® Electro hydraulic actuators





EMG ELDRO® / ELHY®

Plug & Play: 100 % safe.

- » EMG ELDRO® – on the market for 90 years
- » Over 2 million units built
- » Thousands of satisfied customers worldwide

The EMG ELDRO® and EMG ELHY® electrohydraulic actuators, which are used with great success in industrial braking technology, convert electrical energy into mechanical energy and thus perform mechanical work over a defined lifting distance.

Thanks to the proven versatility of EMG ELDRO® and EMG ELHY®, the actuators can be used in various applications such as mining, steel, harbour and construction.

They can also be used in various combinations and with a wide variety of systems/machines in other areas of application, e.g. in:

- » Lifting and lowering mechanisms
- » Locking and unlocking by displacement of load-securing wedges
- » Lowering of the wipers on conveyor belts
- » Valve actuators on hydraulic presses

Your advantages at a glance

- » Plug & Play - 100 % electric
- » No pneumatic or hydraulic units and lines required
- » 100 % automatable - position feedback via inductive limit switch
- » Actuating times variably adjustable
- » Failsafe principle - the actuator closes automatically in the event of a fault
- » Ready for operation 24/7 at any time of year
- » Simple design
- » Forces up to 7 kN with 50 - 200 mm stroke
- » Soft and shock-free operation due to hydrodynamic operating principle
- » S1 operation 24/7 open - possible
- » Any stroke limitation to the outside - no motor overload
- » Any motor rotation direction
- » Independent of installation position
- » Certification: CE/UKCA/CSA/UL/EAC

Options

- » Lifting/lowering valve
- » Thrusters with explosion protection
- » Biodegradable oils
- » High Voltage 660/1140 V
- » Direct current
- » Limit switch



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