

EMOLON

Motorized actuator for use with LONWORKS®-networks



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EMOLON actuators are used in LONWORKS® networks in the heating, ventilation and air conditioning sectors. They can be installed on thermostatic valve bodies and make it possible, when used with the appropriate constant regulators, for optimal control results to be achieved even for more accurate control or control paths with a high level of difficulty. The actuators receive their supply voltage directly from the bus.

Key features

LinkPower with bus voltage monitoring

Automatic stroke adjustment

Characteristic line compensation

Runs extremely quiet

Corresponds to LonMark guidelines

LNS™ plug-in for configuration, monitoring and diagnostics

Technical description

The EMOLON proportional actuator has been designed for connection to LONWORKS®-networks. The bus (Link Power) supplies the voltage directly. The integrated bus voltage monitoring avoids an overload of the network from a larger number of EMOLON actuators.

The Neuron® ID has a contact free output due to the service magnet. A yellow service LED acts as a status indicator.

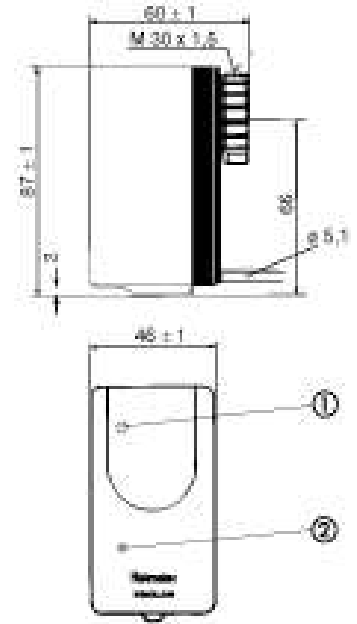
The maintenance-free drive mechanism operates at an extremely low noise level.

The compact body made of high quality

plastic covers the motor, gears, stroke recognition and the entire communications and control technology. This actuator has been designed to be fitted to TBV valves, thermostatic valve bodies and three-way valves. Adapters enable the mounting of thermostatic valve bodies of other manufacturers. The electrical connection is protected against polarity inversion by a 6-wire cable which is fitted to the body.

Артикулы

EMOLON


Model

EMOLON / LP variant
EMOLON / FT variant

Article No

1867-00.500
available on request

1. Activating point for programming magnet
2. Programming LED

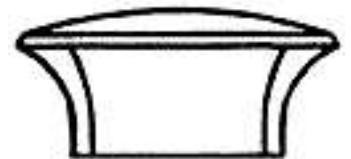
Equipment requirements and LNS™ plug-in

on CD-ROM. IMI Heimeier-specific data about EMOLON as "external interface file" (XIF), as well as a plug-in for an LNS™ based network management tools (from LNS™ version 1.5 onwards).

	EAN	Article No
CD-ROM	4024052458516	1074-01.485

Service magnet

for non-contact operation of the service button.

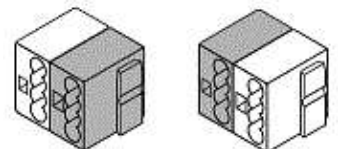


EAN
4024052149919

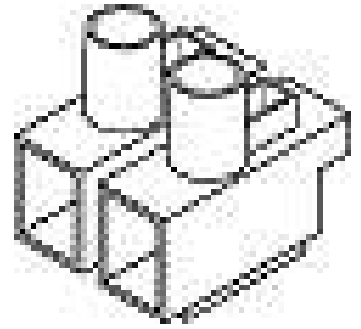
Article No
1865-01.433

Bus terminal

10-piece connection or branch terminal for bus and binary inputs.
Connection for max. 4 solid conductors 0.6–0.8 mm dia. (plug-in connection).



Application	Design	EAN	Article No
NET A/B	2-pole / red-black	4024052150014	1865-02.433
Binary input	2-pole / white-yellow	4024052426416	1867-01.433

Connecting terminal

Terminal for connecting max. 2 solid conductors 0.6 mm dia. (plug-in connection) to multi-wire or fine wire conductors (screw connection up to 4 mm² with wire protection).

Application	Design	EAN	Article No
Binary input	2-pole / grey	4024052426317	1867-02.433

<http://www2.imi-hydronic.com/ru/products-solutions/heimeier-thermostatic-control/--1/1/EMOLON/>