

## KARTA PRODUKTU (ver.004/05.2013)



### 1. Name

Manifold actuator NC 230V, M30x1,5

### 2. Characteristics

The thermoregulating electric actuator valve after connecting with the thermostat, enables controlling the room temperature. The actuator is installed to the thermoregulating valve on the manifold beam. It is responsible for opening and closing the heating flow within the heating loop, which in turn gives the user control over the room temperature. Capricorn actuator is normally closed.

#### Usage:

Capricorn actuators are dedicated for manifolds from:

- Capricorn
- Straub
- Henco
- Gorgiel

Actuators do not work with manifolds from:

- Heimeier
- Ivar
- TECE
- Aquatechnik
- KAN

### 3. Technical data.

Technical data.	
Power supply	230V ~ 50Hz
Version	Normally Closed
Travel	max 4,5 mm
Wire length	1 m
Cover material	ABS
Protection level	IP 54
Connection	M 30 x 1.5
Closing force	90 N
Safety class	II

The actuator is equipped with a LED-diode which indicates about the current unit's work. The LED-diode does not affect the proper operation of the actuator when turned off.

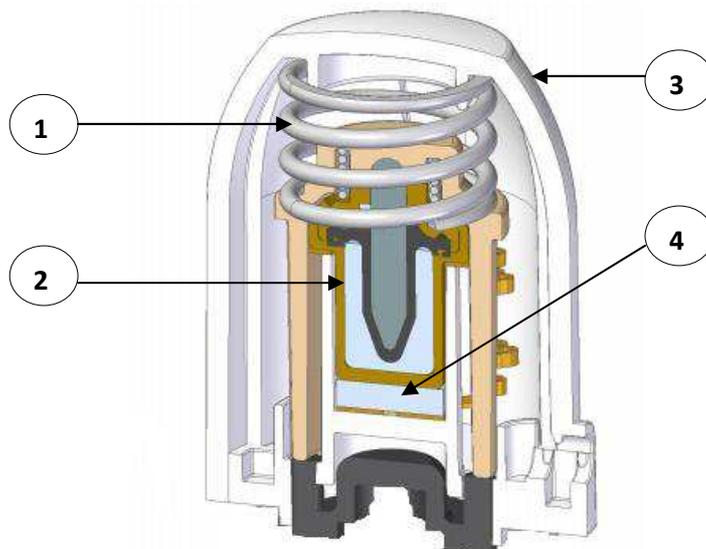
#### 4. Product code.

Name	Product code.
Electric actuator NC, 230V, M30X1,5	9-3850-030-00-22-00

#### 5. Logistic data.

Product code	Individual box.			Pallet 1,6m		Pallet 2,0m	
	Pieces per box (pcs.)	Dimensions L x W x H (mm)	Weight [kg]	Boxes per pallet.	Weight [kg]	Boxes per pallet.	Weight [kg]
9-3850-030-00-22-00	1	80x50x80	0,15	3000	450	4200	630

#### 6. Construction and materials.



1. Spring
2. Decompression Unit
3. Cover (Poliamide)
4. Heating element

#### 7. Mounting.

- In order to work properly, the actuator should be installed according to the following guidelines
- The nut should be screwed straight onto the surface of the beam, otherwise it may cause malfunction.
- Winding should start by setting the actuator onto the valve, pushing the valve to the closed position – this will assure correct winding.
- Mounting should be carried out without the usage of tools.
- Mounting an actuator which Has not been tested by Capricorn is done at your own risk.

## 8. Benefits.

- Compatible with all Capricorn manifolds (version with thermoregulating valve)
- Works with any type of controller 230 V for floor heating
- Equipped with LED-diode Signac indicating the units work
- Low energy consumption 1,8W
- The actuator keeps the valve closed when power is cut (NC).

## 9. Guarantees

During installation, safety rules found in the regulations and building standards should be maintained. Capricorn Sp. z o.o. gives the implied warranty for its electric thermoregulating manifold actuator valve from the date of purchase under the following conditions:

Usage of the product in accordance with its purpose

1) Proper storage such as:

- a) Horizontal transportation and storage, on a leveled, flat surface reducing the risk of Bendig Or damage;
- b) Protection against mechanical damage during loading, unloading and storage;

2) Installation by a qualified and authorized person in accordance with the applicable Capricorn guidelines, standards and technical information.

## 10. Manufacturer.

### Capricorn S.A.

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