

Instabus Actuator

Order No. 0569 00

Function

This device is a product of the *instabus* EIB system and complies with EIBA directives. Detailed technical knowledge obtained in *instabus* training courses is a prerequisite to proper understanding.

The functionality of this device depends on the software. Detailed information on loadable software and attainable functionality may be taken from the manufacturer's product database.

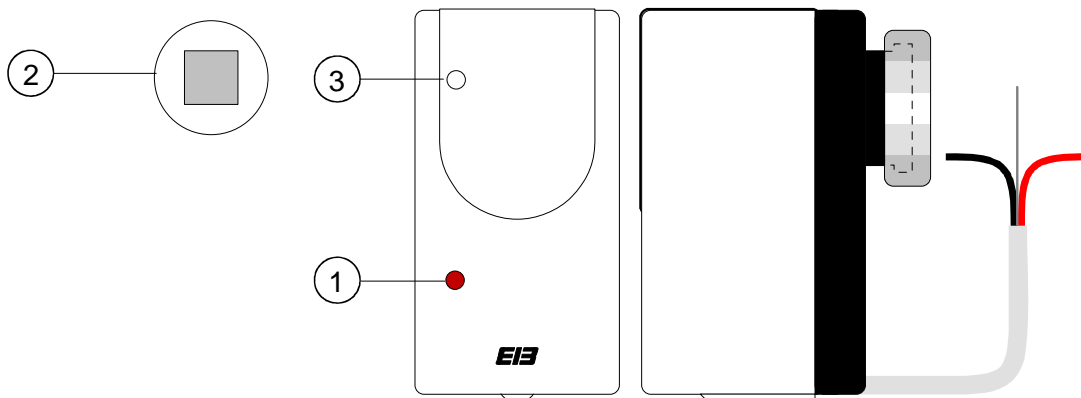
The *instabus* actuator is, for example, suitable for installation to any Heimeier valve bodies for room temperature control, e. g. in heaters, radiators, convectors, underfloor heating circuit distributors etc. It is maintenance-free and provided for direct connection to the *instabus* EIB.

During start-up, the adjusting routine of the actuator detects the lift of the valve when it is closed and fully open. After this, an 8-bit actuating variable received via the *instabus* EIB is assigned to the effective valve lift in a linear ratio. After a specified number of position changes, the actuator automatically goes through the adjusting routine. Depending on the hydraulic conditions, there may be a dead zone of the control signal within the range of the valve closing point.

Warning

Caution: The installation and assembly of electrical equipment may only be performed by a skilled electrician.

Planning, installation and commissioning of the unit is done by means of EIBA certified software.



- Put the actuator on the valve body by applying slight pressure. Screw on the knurled nut and firmly tighten with suitable pliers.
- Recommended installation: Vertically standing.
- Shorten the connection cable, if necessary. Do neither damage the screen tracer wire nor cut it off completely. Remove bare screen foil. Do not through-connect the screen tracer wire, do not ground it, and do not integrate it into potential equalisation. Connect the screen only when lightning protection measures according to DIN VDE 0185/IEC 1024-1 are applied.
- Secure the connection cable of the installed actuator at the branch-off point by a cord fastener (e. g. with cord outlet) and connect it with a bus terminal.
- Protection against wrong polarity: No function when the connection wires are changed.
- Function test: Switch on and off programming LED (1) at the activation point (3) in a non-contact way using a programming magnet (2).
- Flashing of the LED may indicate drive malfunctioning (depending upon the software).

The unit cannot be opened without destroying it!

Specifications


<i>instabus</i> EIB supply	: 24 VDC (+6 V / -4 V)
Power drain	: Max. 240 mW
<i>instabus</i> EIB connection	: Pre-confectioned connection cable (1 m; J-Y(St) Y 1 x 2 x 0.6)
Lift	: Min. 1.0 mm Max. 4.2 mm
Run time	: 25 s / mm
Protective system (standing in vertical position)	: IP 44 acc. to EN 60529
Protection class	: III acc. to EN 60730
Ambient temperature	: 0 °C to 50°C in operation
Medium temperature	: Max. 100 °C
Storage temperature	: -20 °C to +70 °C
Dimensions in mm (WxHxD)	: 46 x 87 x 60

Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.

Please return the unit postage paid to our central service department giving a brief description of the fault:

Gira
Giersiepen GmbH & Co. KG
Service Center
Dahlienstrasse 12
D-42477 Radevormwald

 The CE sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

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