



TX502

Valve actuator KNX with temperature control + 2 reserve inputs

Technical properties

Architecture

Bus system EIB

Functions

Function with valve protection function ; Functions summer operation and forced mode

Operating mode Operating modes: comfort, standby, night lowering, frost/heat protected

Configuration

Pre-assembled pre-assembled, with cable

Controls and indicators

Button / push-button with programming button and red programming LED

Connectivity

Binary inputs with 2 independent binary inputs

Voltage

Operating voltage over bus 21...32 V DC

System supply voltage 30V DC via bus

Electric current

Bus consumption 10 mA

Bus current consumption (data transfer) 10 mA

Number of entry circuits 2

Dimensions

Depth of installed product 65 mm

Height of installed product 84 mm

Width of installed product 50 mm

Tripping

Run time 20 s/mm

Measurement

Reduced temperature setting comfort temperature -2 to -8°C

Materials

Colour white

RAL colour RAL 9010 - Pure white

Mecanic features

LED control

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| LED | with 5 LEDs for display of valve stroke |
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Connection

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| Type of connection to the bus | TG008 connector |
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| Bus coupling unit | with integral bus coupling unit |
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| Bus connection | bus connection via connecting terminal |
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Cable

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| Pre-assembled cable | ≈ 1 m |
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Settings

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| Supported configuration modes | system, easy |
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| Comfort temperature setpoint | 10 / 30 °C |
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| Set force | >120 N |
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Equipment

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| Detection of valve limit stops | Automatic |
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| Heating | for heating or cooling mode |
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| Control | for continuous PI control |
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Safety

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| Frost protection temperature setting | 3 / 10 °C |
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| REACH conform | Yes |
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| RoHS conform | Yes |
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Use conditions

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| Operating temperature | 0...50 °C |
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| Storage/transport temperature | -20...70 °C |
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temperatur

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| Standby temperature setpoint | comfort temperature -0.5 to 4°C |
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Identification

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| Main design line | KNX |
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