



TX502

Valve actuator KNX with temperature control + 2 reserve inputs

Technical properties

Architecture

Bus system	EIB
Fixing mode	Clamping

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
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Controls and indicators

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

Binary inputs	with 2 independent binary inputs
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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
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Measurement

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

Colour	white
RAL colour	RAL 9010 - Pure white

Mecanic features

Maximum controller stroke	6 mm
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LED control

LED	with 5 LEDs for display of valve stroke
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Connection

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

Pre-assembled cable	≈ 1 m
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Settings

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

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

Frost protection temperature setting	3 / 10 °C
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Use conditions

Operating temperature	0...50 °C
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Storage/transport temperature	-20...70 °C
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Standby temperature setpoint	comfort temperature -0.5 to 4°C
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Identification

Main design line	KNX
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