



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

Subject to technical modifications

LED control

LED	with 5 LEDs for display of valve stroke
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Connection

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

Cable

Pre-assembled cable	≈ 1 m
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Settings

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

Equipment

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

Safety

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

Use conditions

Operating temperature	0...50 °C
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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