

State 11/2020

# **MDT Solution Proposal**



# Heating Actuator channels in master-slave operation

#### Possible applications:

If several valve drives for the same room have to be divided to different channels of a heating actuator, a kind of master-slave operation is recommended. Here, one channel is responsible for the control (master) and another channel or several other channels (slave/s) follow the "master" via its output control value.

#### Used devices:

**MDT** Heating Actuator

AKH-0x00.02

#### **Content**

Settings: Master channel	2
Settings: Slave channel	3
Group addresses	3



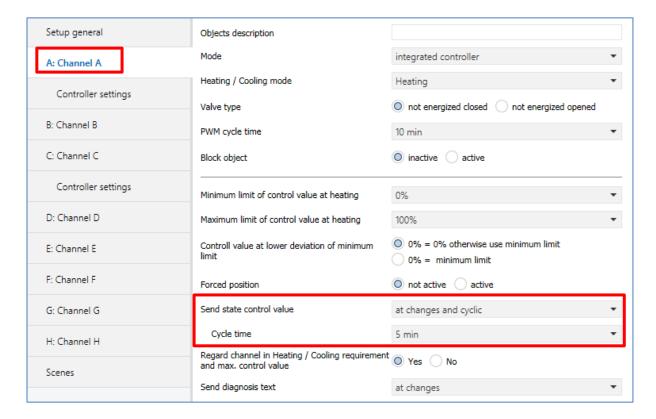
## **Settings: Master channel**

The Master channel is set to "Integrated Controller". This means that the regulation is done here.

#### Additional settings in the Master channel:

- "Send state control value" → "at changes and cyclic"

The setting is shown in the following figure:

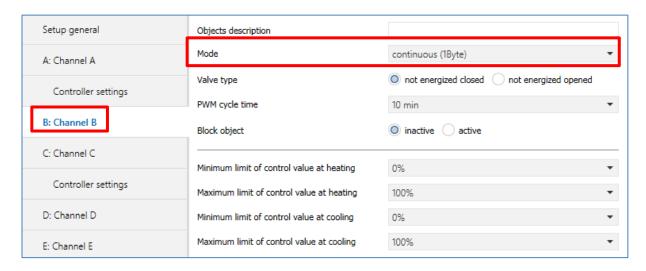




## **Settings: Slave channel**

As the Slave channel is not controlling itself, it is operated in the mode "continuous (1Byte)".

The setting is shown in the following figure:



#### **Group addresses**

Channels that are operated as Slaves now only have one communication object. This is linked with the status control value of the Master channel. Any number of further channels can now follow.

