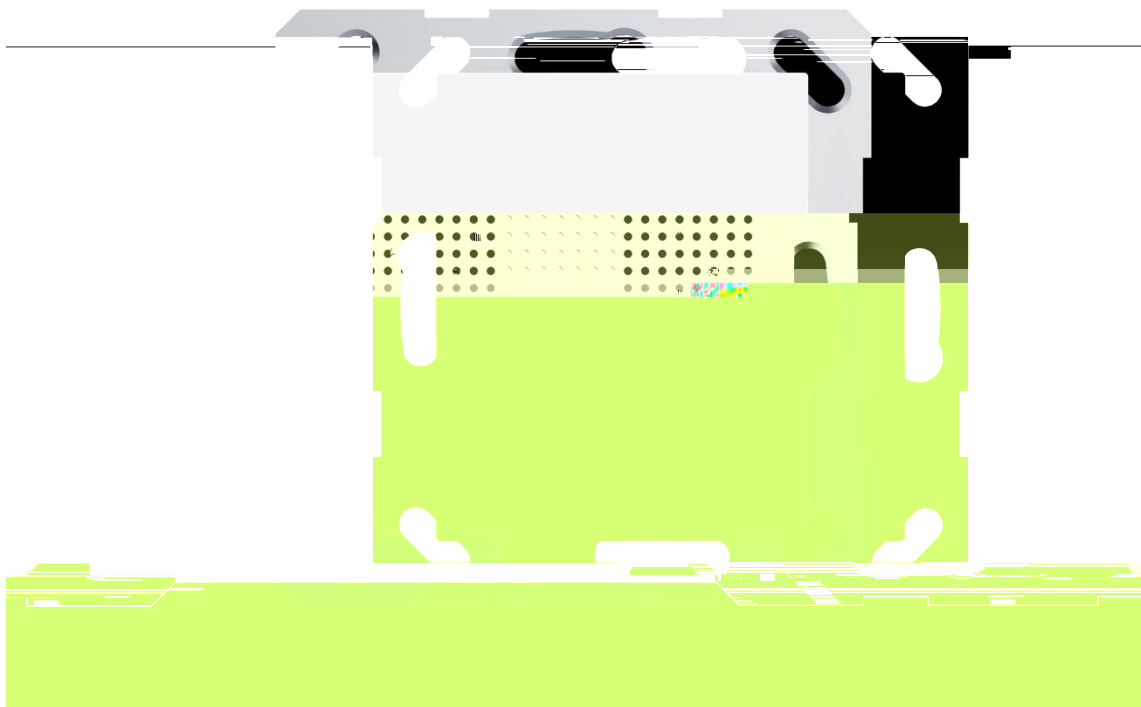




KEULS



注意事项

1. 请远离强磁场、高温、潮湿等环境。



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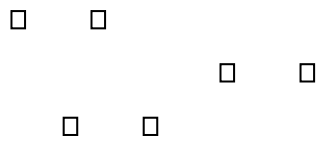
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KN /EIB

CO2 □

CO2 □

□ □ □ KN

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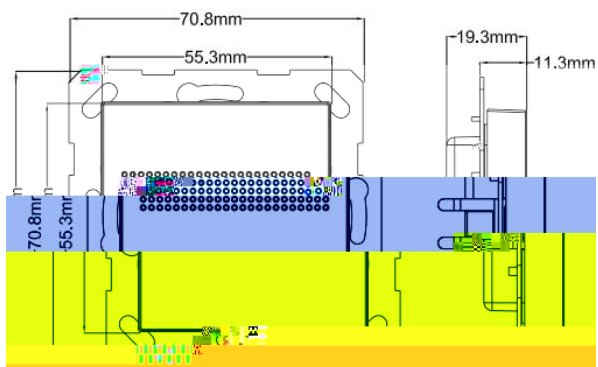
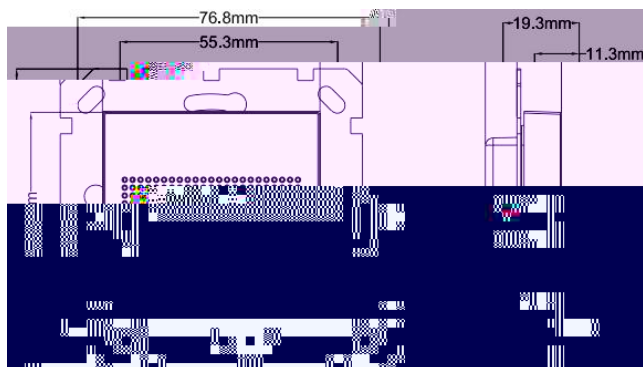
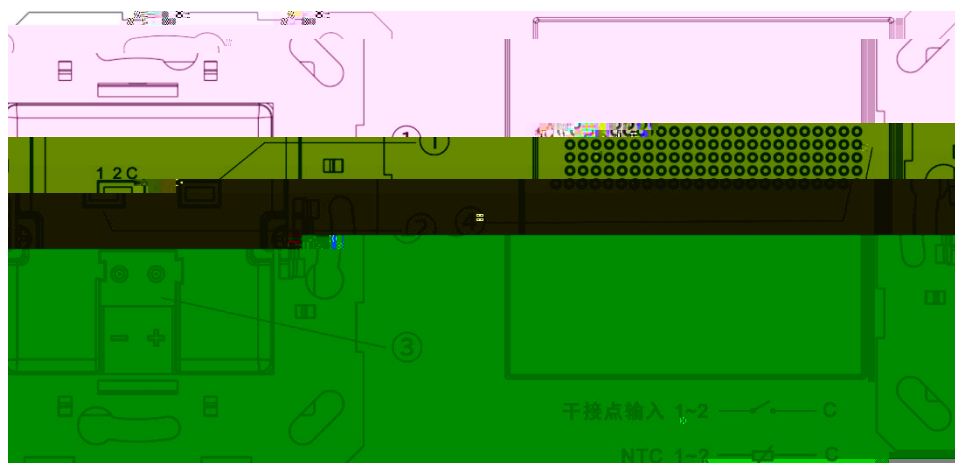
KN /EIB

CO2 □

21-30V DC, □ □ KN				
<div><17 A/24V□<14.5 A/30V</div> <div><25 A/24V□<20 A/30V</div> <div><600</div>				
CO2		400-2000 *		
0-40 *				
20-90% *				
□	2 □ □ □	□	10K NTC □	
□	KN	□	(/□)	
□		1 3 □		
□ <5				
□ LED		□	□ □	LED
□		5 C ... 45 C		
25 C ... 55 C				
□ □		25 C ... 70 C		
<93%□ □ □				
70.8 70.8 19.3		□ 80	□	
76.8 76.8 19.3		□ 86	□	
80		86		
□	□	0.07		

□ □ □ □ □ □ □ □

□ , □ □ k



F □ LED

F □ □

4 KN □

4 !

3 CO2

3 □

□ □ □ □ □ □ □



KN /EIB

CO2

! k

! CO2 k k

k CO2 k

2 / k

! ! / /

k

B k

3 k

! / ! ! !



KN /EIB

CO2 □

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□ □ □ □ -10 10 C □ □ □ □ □ k

□ / □ □ □ □ □ k

□ □ □

CO2 ! □ □ k

□ □ ! □ ! □ ! □

/ □ □ □ k □ □ 1 3 k

4 □ □ □ 1 ! 1 ! ! RGB k

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RGB □ k

□ □ □ □ □ □ □ k

□ □

CO2 ! □ k CO2 PI □

□ 3 □ □ 1 k

□ □ ! □ ! + □ □ □ □

□ k

□ □ □ □ □ □ □ k

k □ CO2 □ □ □ □ □

k □ k



CO2

KN

KN

k



k

--- KNX CO2 sensor, 55mm > KNX Secure

KNX Secure

KNX Data Secure

KNX Data Secure is available in this device, it effectively protects user data against unauthorised access and manipulation by means of encryption and authentication for the installation.

ETS can active or deactivate security function. Detailed specialist knowledge is required.

Device Certificate

The device certificate label stick called FDSK is attached beside the device, and must use for security function, make sure keep securely.

- Room temperature contro...
- Air Quality Level
- Air Quality controller

5.1 (1) KNX S



KN

KN

ETS



5.1(1)



KNX Data Secure is available in this device, it effectively protects user data against unauthorised access and manipulation by means of encryption and authentication for the installation.

ETS can active or deactivate security function. Detailed specialist knowledge is required.

KN



k ETS

k



k

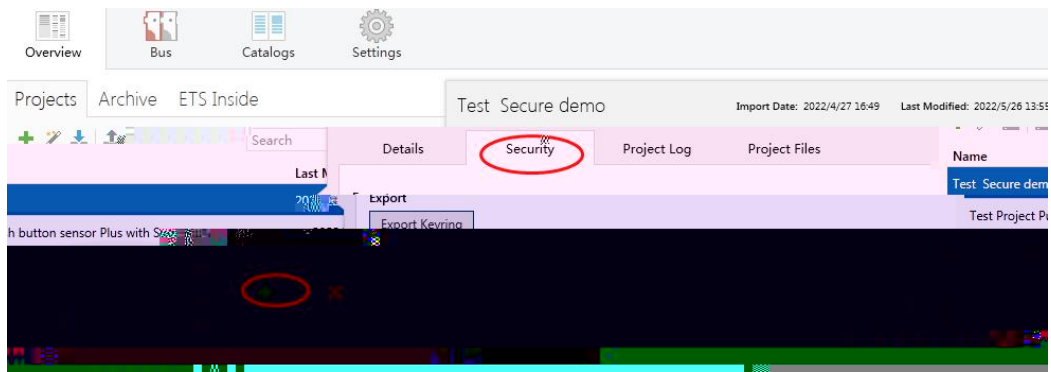
The device certificate label stick called FDSK is attached beside the device, and must use for security function, make sure keep securely.



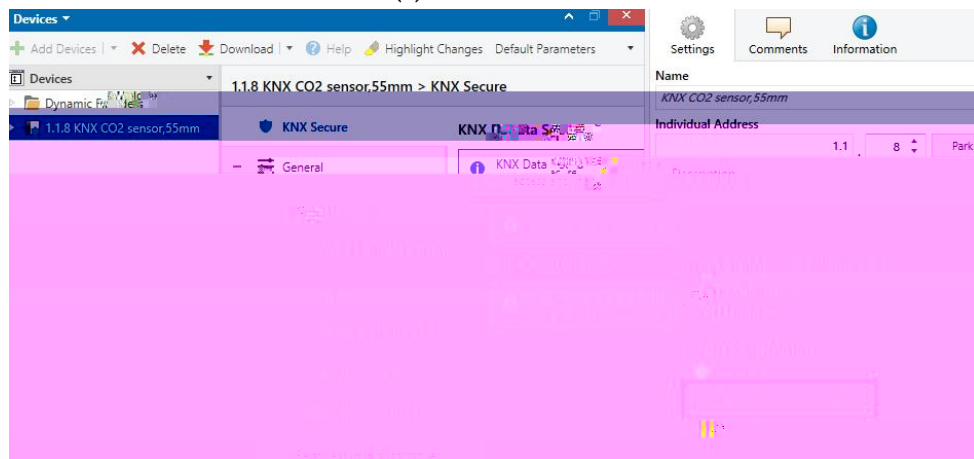
FDSK



k



5.1(3) A D C



5.1(4) A D C

✧ □ □ □

FDSK k

□ □

k

FDSK

□ □ □

FDSK □ ETS

□ □ □

5.1(5) k

□

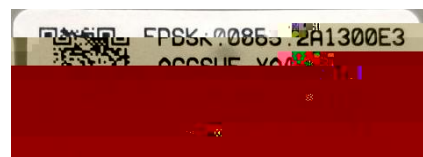
□

□

ETS

□ □ □

FDSK k



5.1(5)



KIBU

02



5.1(6)1é

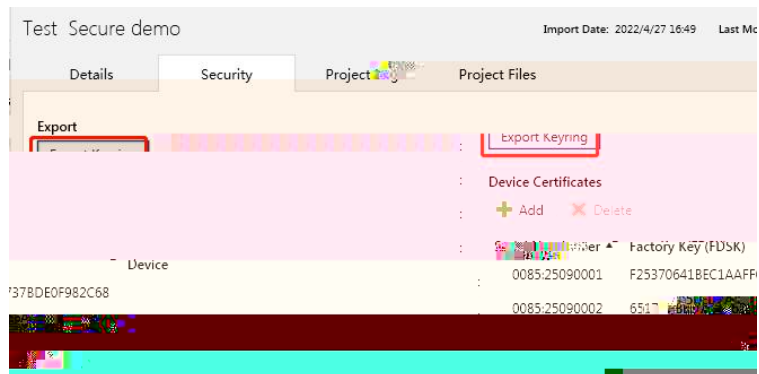


A

D

C





5.1(8)





KN /EIB

CO2 □

D □ A k
□ □ □ k A □ □
□ □ A □ k

□ □ □ k □ □

D □ □ k
□ □ □ □ □ k □ □ k
□ □ □ □ k □ □



KN /EIB

CO2 □

□

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□ □

□



KNX CO2 sensor, 55mm > Internal sensor measurement > Temperature sensor

KNX Secure

Temperature calibration 0.0 K

Send temperature when the result change by 1.0

Cyclically send temperature [0...255, 0=inactive] 10

Send alarm telegram for low/high temperature Respond after read only

Threshold value for low temperature alarm [30...45] 0

Threshold value for high temperature alarm [30...45] 45 °C

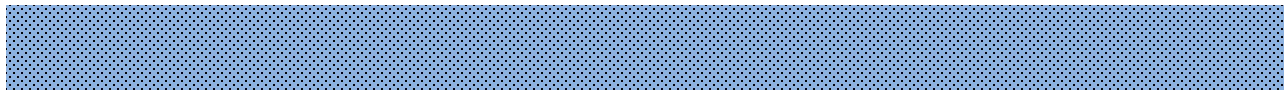
5.3.1 T



KN /EIB

CO2 ☐

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☐ k 0

☐ k

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□ □ k □ □ □ □ □ k □ □

KNX CO2 sensor,55mm > Internal sensor measurement > Relative humidity sensor

KNX Secure

General

Internal sensor measurement

Temperature sensor

Relative humidity sensor

CO2 sensor

Humidity calibration

Send humidity when the result change by

Send alarm telegram for low/high humidity

Threshold value for low humidity alarm

Threshold value for high humidity alarm

0

5

10

Respond after read only

50

85

%

%

min

%

%

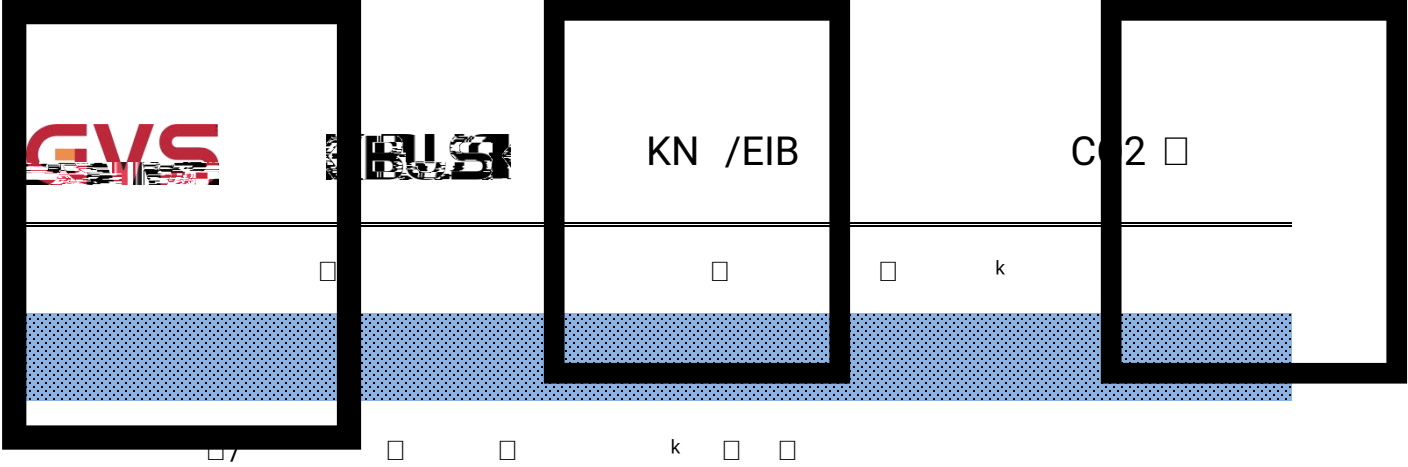
5.3.2 R □

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k □ □

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□ □ □ k 0 □ k □ □



N □ □

R

KNX CO2 sensor, 55mm > Internal sensor measurement > CO2 sensor

KNX Secure	CO2 calibration	0	ppm
General	Send CO2 when the result change	50	ppm
Internal sensor measurement...	Cyclically send CO2 [0..255,0=inactive]	10	min
Temperature sensor	Report error when sensor failure	✓	
Relative humidity sensor	Send alarm telegram for low/high CO2	No response	

Maximum stability time of CO2 sensor measurement

5.3.3 CO2

CO2

CO2

CO2

k

□ □

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k

k

CO2

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CO2

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k D

□ k

□ □



KNX CO2 sensor,55mm > Input

KNX Secure

Function of input 1: Bl: Switch sensor

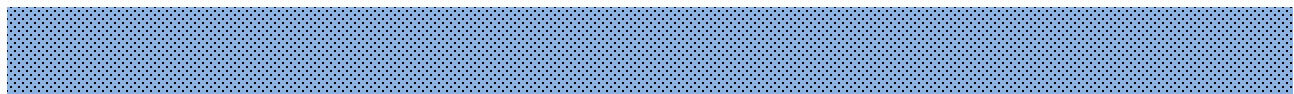
Function of input 2: Temperature probe(NTC 10K)

General

Internal sensor measurem...

Input

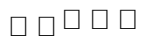
5.4 I



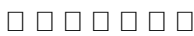
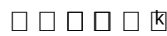
k

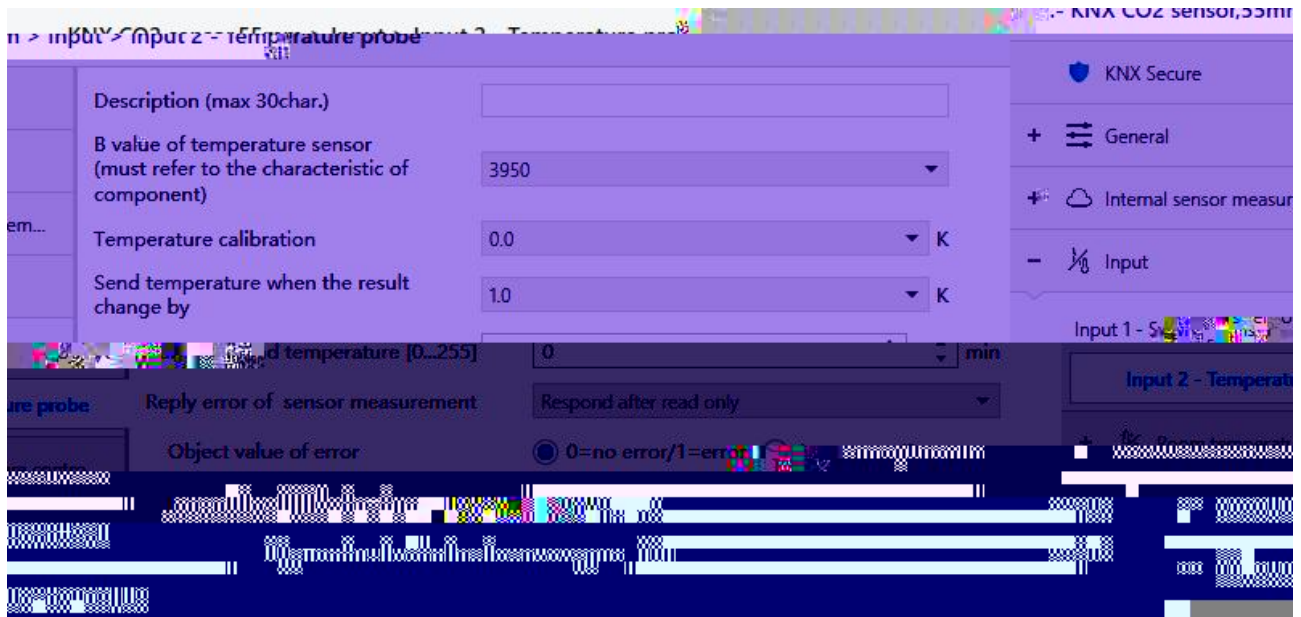


k



k





5.4.1

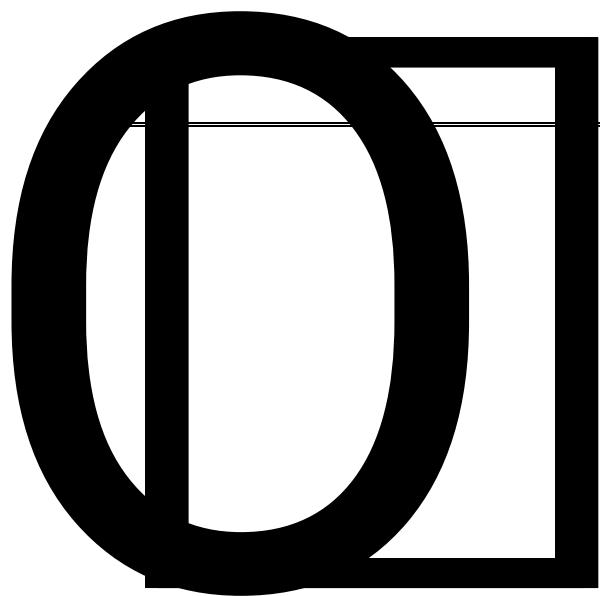
k

NTC

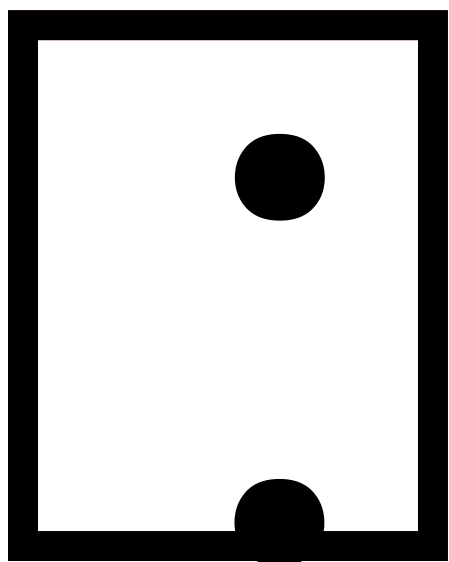
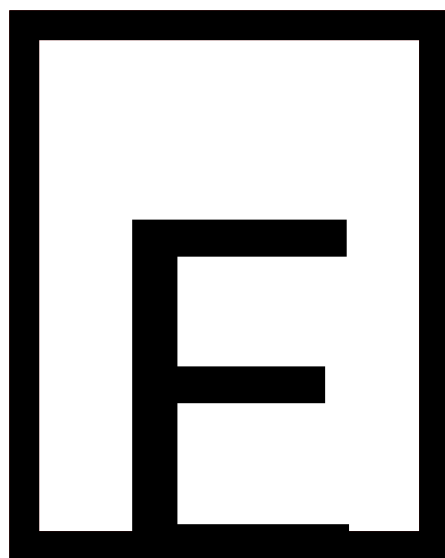
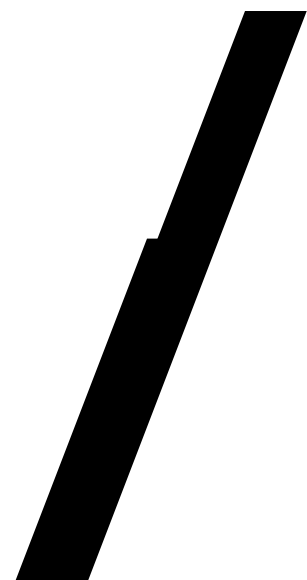
B k

k

k



KN /EIB





KN /EIB

CO2 □

□ R

R

k

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□ □

□ k □ □

0= /1= □ □ □ 0□ □ □ 1□

1= /0= □ k

” ”

□ □ □ □ k □ □ □ □ k

□ □

” ”

□ □ □ k □ □ □ k

□ □

--- KNX CO2 sensor,55mm > Input > Input 1 - Switch sensor

General	Description (max 30char.)	
	Distinction between short and long operation	☒ No ☐ Yes
Internal sensor	Reaction on close the contact	ON
Input	Reaction on open the contact	OFF
	Send object value after voltage recovery (valid if reaction is not toggle)	☐ No ☐ Yes
Input 1 - Switch sensor	Number of objects	☐ 1 ☐ 2
Input 2 - Temperature probe	Disable function	Disable

5.4.2(1)

--- KNX CO2 sensor,55mm > Input > Input 1 - Scene control

General	Description (max 30char.)	
	Distinction between short and long operation	☐ No ☒ Yes
	Long operation after	*0.1s
Input	Connected contact type	Normally open / Normally closed
Input 1 - Scene control	Reaction on short operation	Scene No.1
	8 bit scene number	Scene No.1
Input 2 - Temperature probe	Reaction on long operation	Store scene
Room temperature control...	Number of objects	☐ 1 ☐ 2

5.4.2(2)

--- KNX CO2 sensor,55mm > Input > Input 1 - Send String

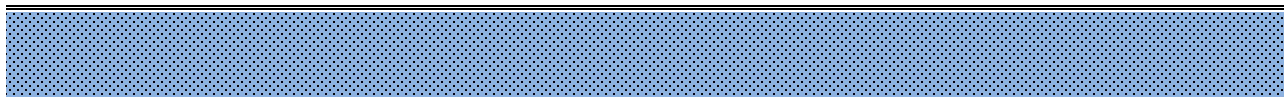
General	Description (max 30char.)	
	Distinction between short and long operation	☐ No ☒ Yes
Internal sensor	Reaction on close the contact	No reaction / Send Value
Input	String (14byte) value	Hello world
Input 1 - Send String	Reaction on open the contact	☐ No reaction ☐ Send Value
	Send object value after voltage recovery	☐ No ☐ Yes
Input 2 - Temperature probe	Disable function	Disable

5.4.2(3) □



KN /EIB

CO2 ☐



k



KN /EIB

CO2 ☐

N ☐ ☐ k

ON ☐ ☐ k

OFF ☐ ☐ k

TOGGLE ☐ ☐ ☐ k

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☐ ☐ / ☐ ☐ ☐ k ☐

☐ k ☐ ☐

• •

☐ / ☐ ☐ TOGGLE N ☐ ☐

k ☐ ☐

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☐ ☐ / ☐ ☐ ☐ k ☐

☐ k ☐ ☐

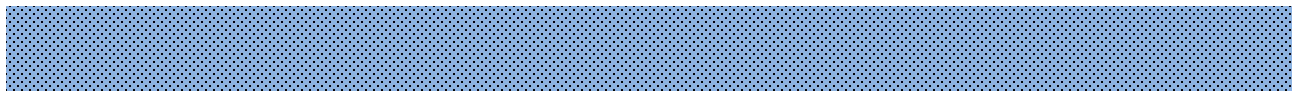
KN /E



KN /EIB

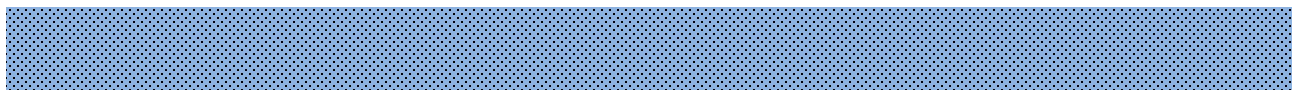
CO2 □

□ / □ □ k □ □



R / □ N □ k / □

1 □ 2 □ k □ □

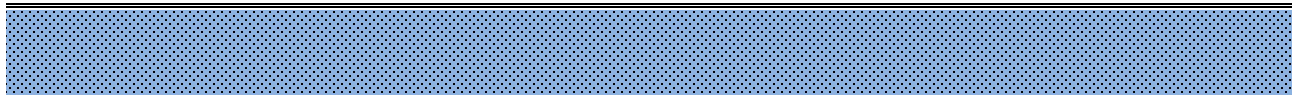


□ □ k / k □ □

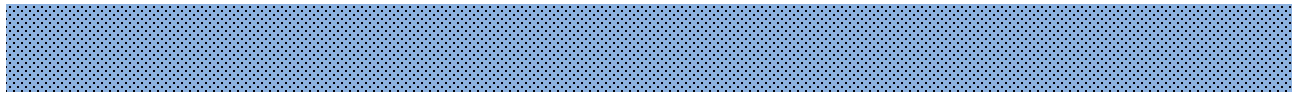


KN /EIB

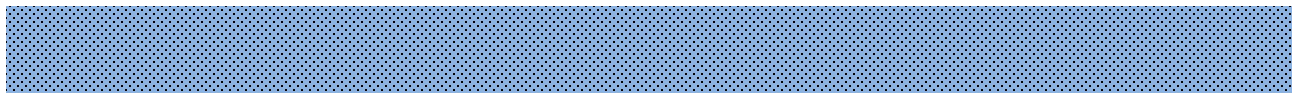
CO2 □



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k □ □

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□ ...E □ k □ □ □ □ k

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□ □ k

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□ □ □ □ k □ □

□ □ 40% I 60% E □ □ 40% □ □ 60%

□ □ =□ □ 40% □+□ □ 60% □ □



KN /EIB

CO2 □

□ k

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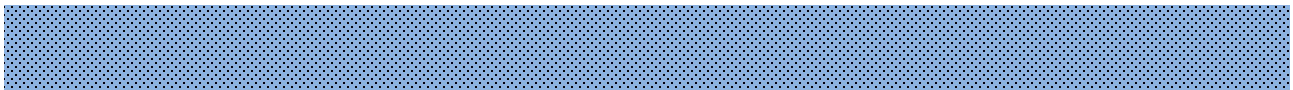
□ □ □ □ k D □ k □

□

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□ □ □ □ 0 □ k □ □

□ □ □ k



□ □ k □ □

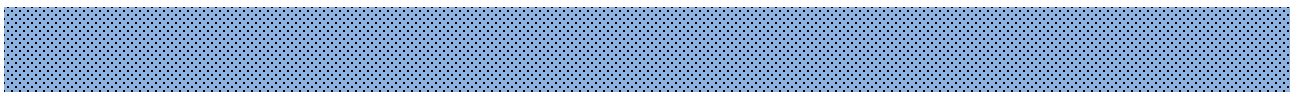
PI □ □ 40% □ 40% □ □ 60% k

□ □ 0 □ 0 □ 0 □

1 k □ k

□ / □ □ □ □ □ 0 0% k □

1 100% k



k □ □



KN /EIB

CO2 □

□ □ k

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A □ □ k

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RTC □ □ □ □ k □ □

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KN

KN /EIB



KN /EIB

CO2 ☐

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k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

KN



--- KNX CO2 sensor,55mm > Room temperature controller > RTC 1-... > Setpoint

KNX Secure

Setpoint method for operating mode ☒ Relative ☐ Absolute

Base setpoint temperature 20.0 °C

Additional setpoint offset for setpoint adjustment ☐ Disable ☒ Enable

Step of setpoint offset ☒ 0.5K ☐ 1K

Min. setpoint offset [-10..10] -5 K

Max. setpoint offset [0..10] 5 K

Heating

Reduced heating in standby mode [0..10] 2 K

Reduced heating in economy mode [0..10] 4 K

Setpoint temperature in frost protection mode [5..10] 7 °C

Cooling

Increased cooling in standby mode [0..10] 2 K

Increased cooling in economy mode [0..10] 4 K

Setpoint temperature in heating protection mode [30..37] 33 °C

Min. setpoint temperature [5..37] 11 °C

Max. setpoint temperature [5..37] 32 °C



--- KNX CO2 sensor,55mm > Room temperature controller > RTC 1-... > Setpoint

KNX Secure

Setpoint method for operating mode ☐ Relative ☒ Absolute

Heating

Setpoint temperature in comfort mode [5..37] 21 °C

Setpoint temperature in standby mode [5..37] 19 °C

Setpoint temperature in economy mode [5..37] 17 °C

Setpoint temperature in frost protection mode [5..10] 7 °C



(1)



KN /EIB

CO2 □

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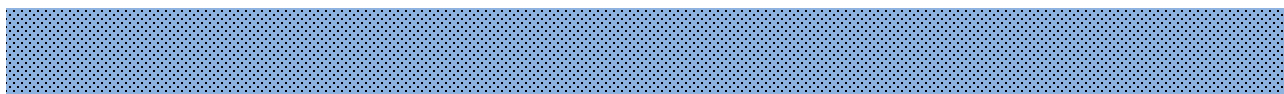
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KN /EIB

CO2 □

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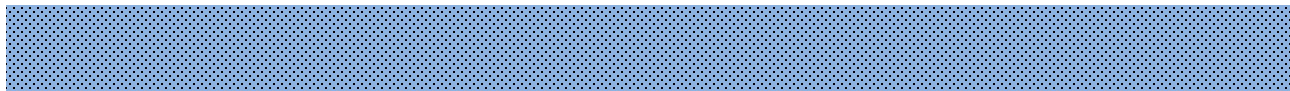
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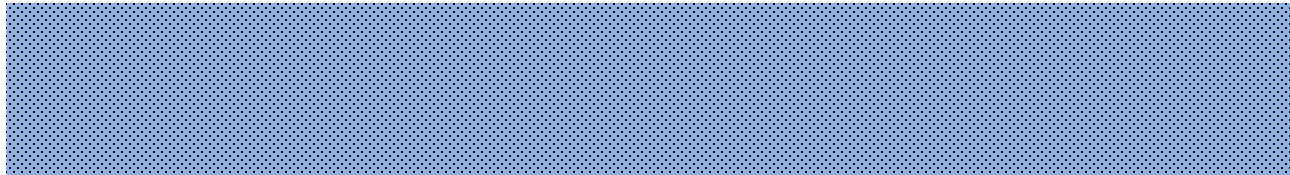


□ H C A □ □ k □

□ k □ □

□ □ □ + □ □ □

□ □ □ - □ □ k



□ k □ □



KN /EIB

CO2 ☐

H ☐

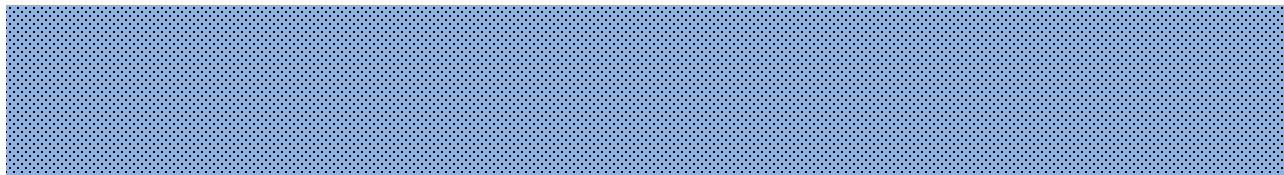
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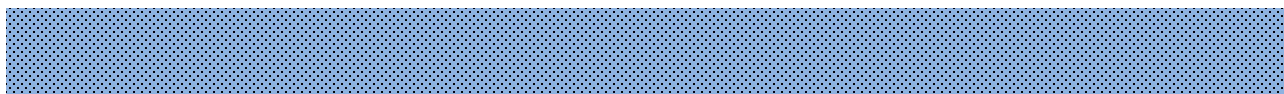
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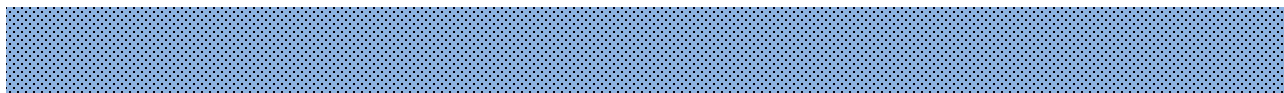
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KN /EIB

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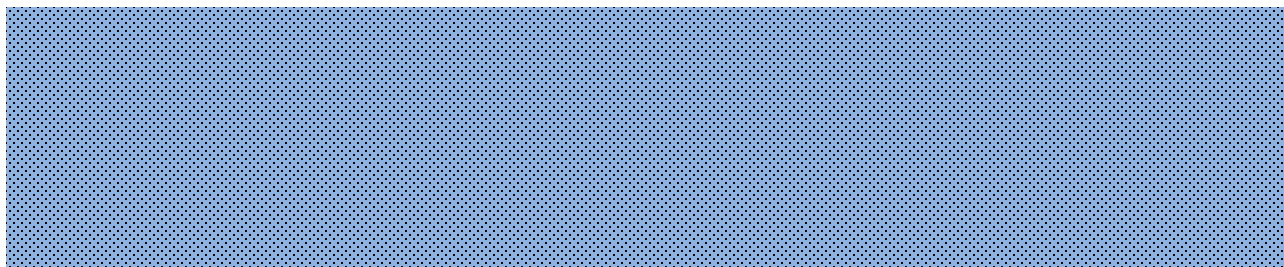
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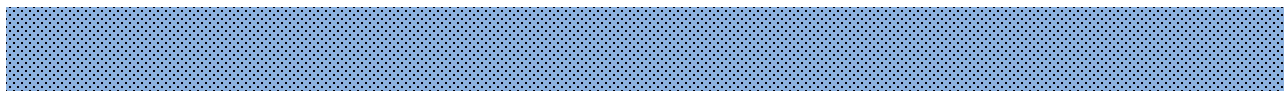
k



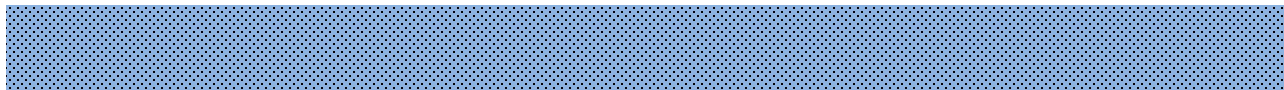
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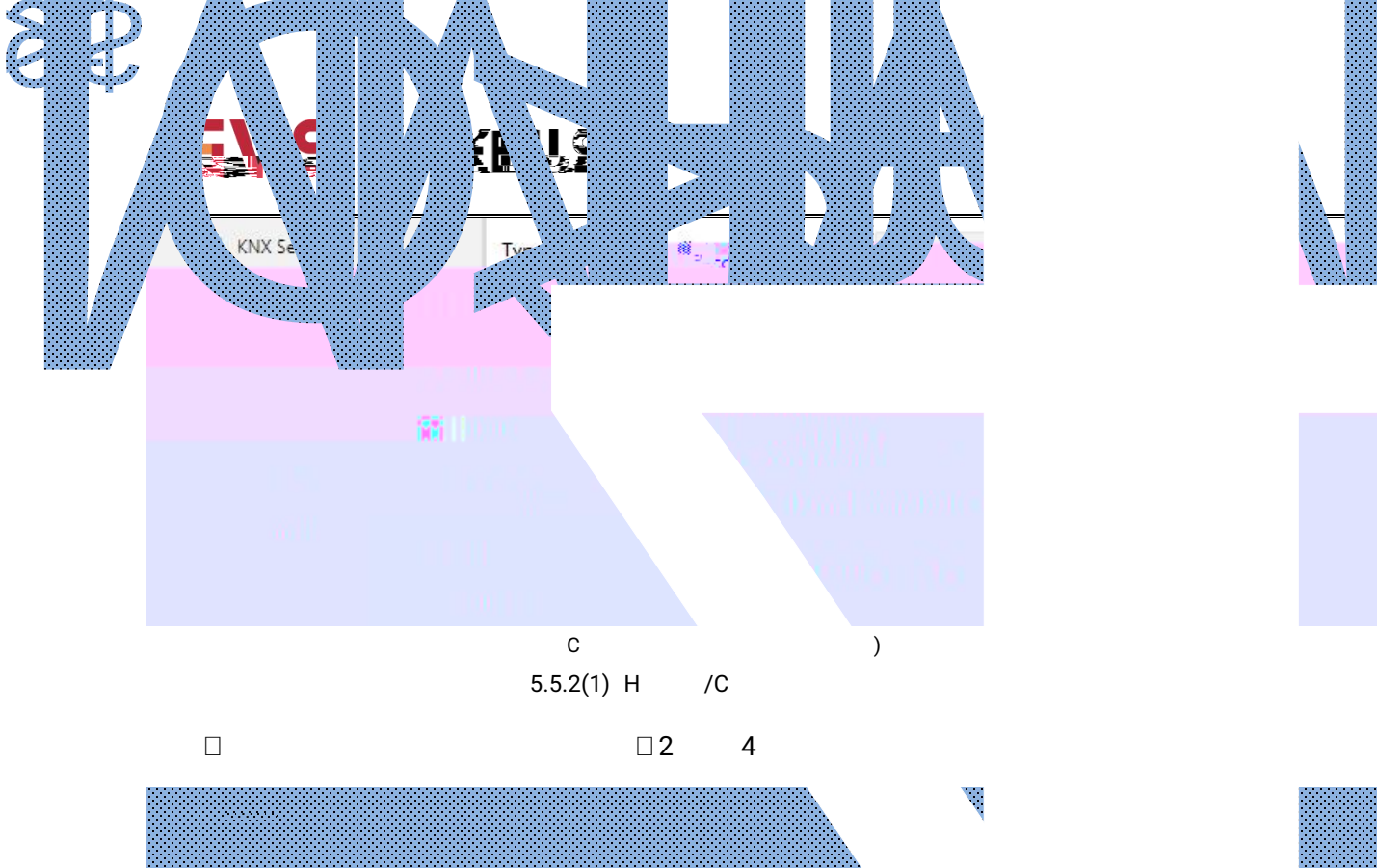
 Note: The heating setpoint must be always less than the cooling setpoint.





S / (2-)





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□ □ □ □ □

□ □ □ □ k

1K□ □ 2K□ 22 □T □ □ 24 □ □

T 21 □ □T 21 24 □ □ □ k

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□ □ □ □ k

1K□ □ 2K□ 26 □T 25 □ □

T □ 28 □ □T 28 25 □ □ □ k

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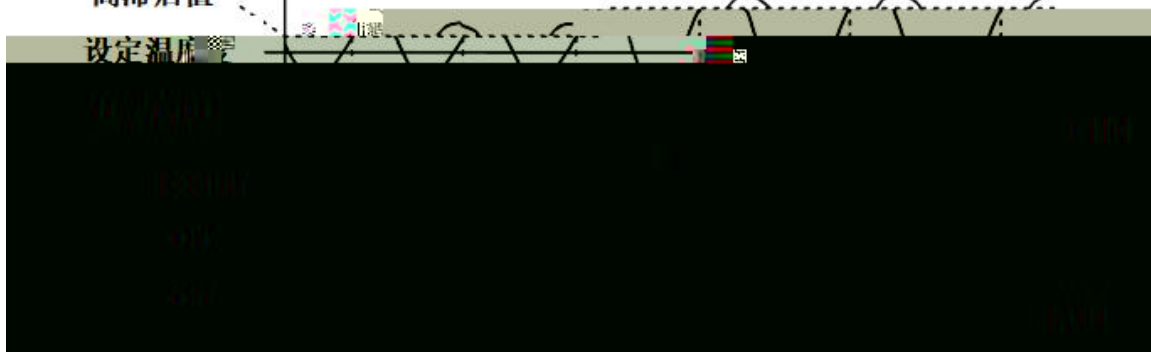
2. □ □ □ □ □ □ k

小滞后

大滞后

高滞后值

设定温度



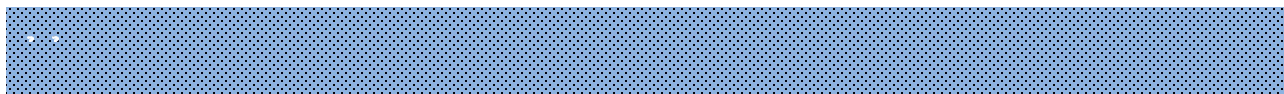
5.5.2(2)

()



KN /EIB

CO2 ☐





KN /EIB

CO2 □

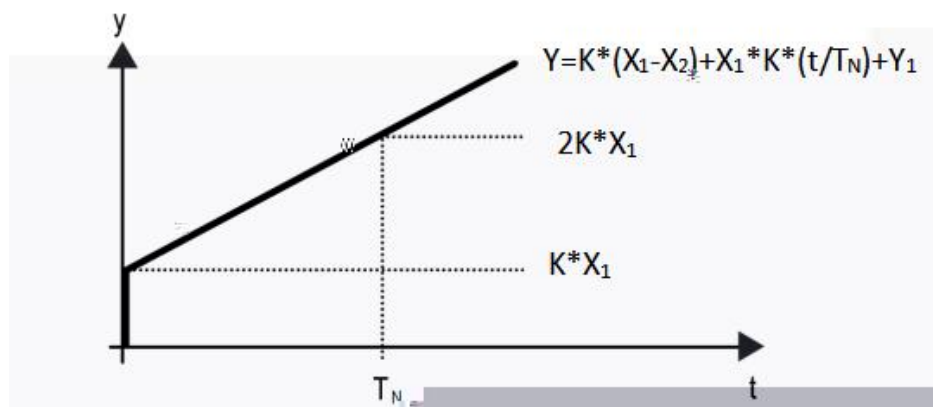
□

□ □

□

□ □

5à 4 XH R 9t/ „)



5.5.2(3) PI

1

1 = ,

2 = ,

T_N

K

PI $= K * (1 - 2 + 1 * K / T_N + 1$

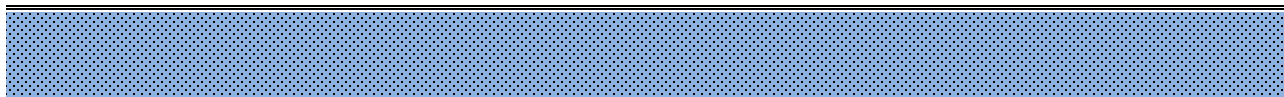
$= K * (1 - 2 + 2$

K:	
K:	
T_N :	
T_N :	



KN /EIB

CO2 ☐



☐

☐ ☐

k

☐ ☐ ☐ ☐

☐

KN

VS

KEULSE

/EIB

CC

OFF<

0

Threshold val

11.0551

A diagram showing a horizontal line with several small squares above it, representing a data series or a sequence of events.

0

0

0



KN /EIB

CO2 □

□ □

□ □ □ k

□

□ □

□

□ k □ □

□ □

□ □ □

k

□

□ □ □

□ □ k □ □

□

k

□ □ *

□ □

*

□ □

□ □ *

□ □

□ □ □ k

□

□

□

□

Temperature difference speed OFF<--
>low [1..200]

60

*0.1K

Temperature difference speed low<--
>medium [1..200]

30

*0.1K

Temperature difference speed
medium<-->high [1..200]

40

*0.1K

□

□

□ □ □

□ □

k

□ □

0 □

□

□ □

□ □ □

0.5 □

1 □ □

□

1.5 □

+

□ □

□ 0.5 □

-

□ □ □

0.5

1.5

□ □

□ □

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k

0.5

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)1.5

□

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□ k

□ □ □ □ □ □ □ k

□ □ □ □ □ □ □ □ □ □ □ k □ □

0 k

$$\square \quad \square \quad k$$

CO2

k

k

KNX CO2 sensor,55mm > Air Quality Level > Relative humidity Level

KNX Secure

Relative humidity level function2 levels

General

Reference internal sensor

Internal sensor for measurement

Number of reference external sensor1

+ Input

Calculation typeWeight average

+ Room temperature

Weighting of internal sensor50%

- Air Quality Level

Weighting of external sensor 120%

Time period for request external sensor [0...55,0=inactive]

%

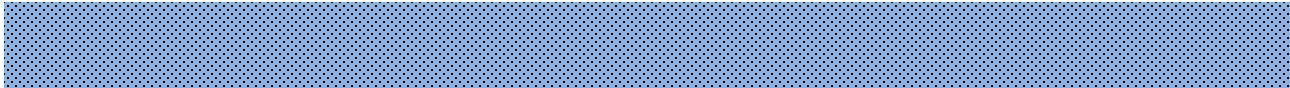
Send value when the result change by

Output

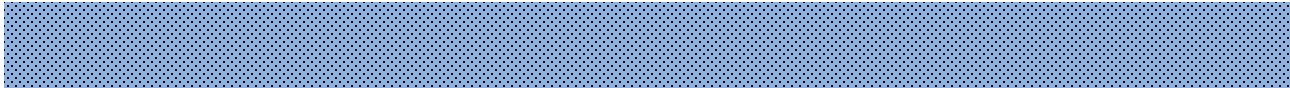
Cyclic send value [0...55,0=inactive]

min

5.6.1 R L



k



k

! ! ! !

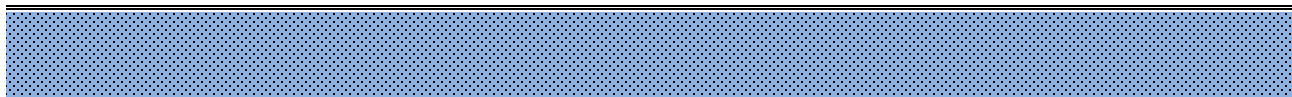
/ k 3

k



KN /EIB

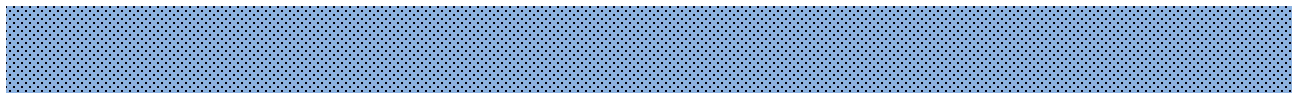
CO2 □



□ □ k

□ □ □

□ □ □



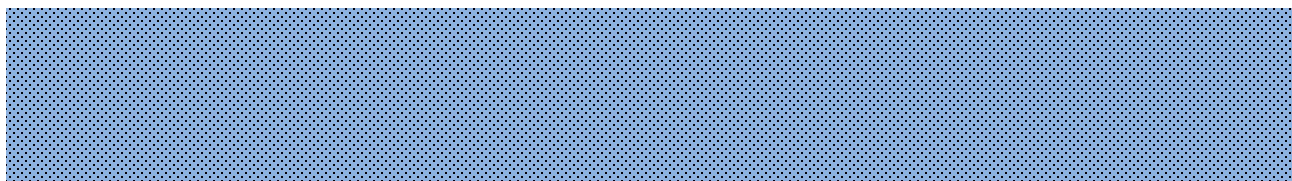
2 2 □ k k □ □

A □ k

□ □ □ k

M □ □ k

M □ □ k



□ □ k □ □ k

□ □



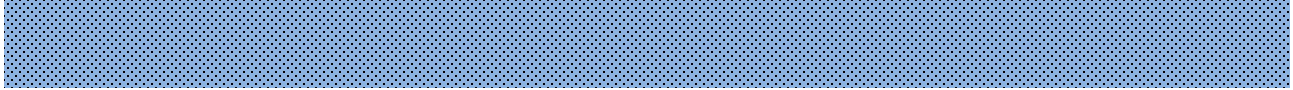
KN /EIB

CO2 □

□ □ □ k

□ □ □ □ □ □ □ □

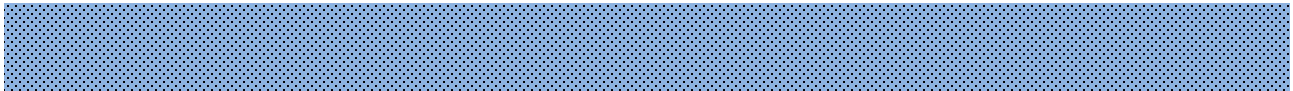
□ □ □ k



□ □ k □ □ □ □ k

□ □

□ □ □ □ k



2 2 □ k □ □ □

□ k D □ □ □

--- KNX CO2 sensor,55mm > Air Quality Level > Relative humidity Level > Output

KNX Secure

Control type: 1bit

Cyclically send output value: 0 min

[0..255,0=inactive]

Hysteresis threshold value in +/- [1..10]: 5 %

Threshold value 1 for level 1: 20 %

If humidity value < threshold value 1, send: OFF

If humidity value > threshold value 1, send: ON

1

KNX Secure

Control type: 1byte

Object datatype: 1byte percentage value

Cyclically send output value: 0 min

[0..255,0=inactive]

Hysteresis threshold value in +/- [1..10]: 5 %

Send additional alarm message: ☒

Threshold value 1 (Level 1 <-> Level 2): 20 %

If humidity value < threshold value 1, send: ON

If humidity value > threshold value 1, send: OFF

1

C02 ☐[illegible]

$$\frac{1}{k} \left(\frac{\partial u}{\partial t} + \nabla \cdot (\mathbf{v} u) - \Delta u \right) = f(u)$$

Diagram illustrating a 1D chain with alternating blue and white sites. The chain is represented by a horizontal bar with a blue dotted pattern. Below the bar, there are labels for sites: a blue square labeled '1', a white square labeled 'k', a blue square labeled '1', a white square labeled 'k', and a blue square labeled '1'.





KN /EIB

CO2 □

□

□

□

k

□

□

□

□

□

□

□

k

□

□

5% □

□

20% □ □

□ 25% □

□

+

□ □

□ 15% □

□ -

□ □ □

15% 25%

□

□

□

□

k

15%

(

)25%

□

k

□

1

3

□

k

□ □

k

□

k

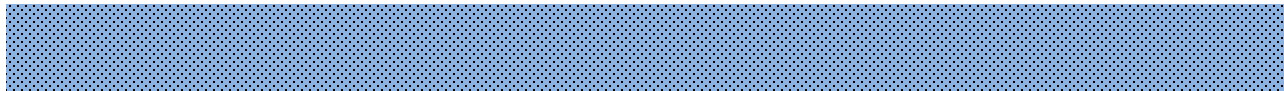


KN /EIB

CO2 □

□

□



□

□

4

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□ 1

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4

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k

□

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k

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k

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k

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k

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KN /EIB

CO2 ☐



KN /EIB

CO2 ☐

☐

--- KNX CO2 sensor,55mm > Air Quality Level > CO2 Level

KNX Secure CO2 level function 2 levels

+ General Reference internal sensor

Internal sensor measurement (Number of reference internal sensor)

Calculation type

Weighting of internal sensor 50 %

Weighting of external sensor 10 %

Time period for request external sensor 10 min

Send value when the result change by 50 ppm

Cyclically send value [255,0=inactive] 0 min

Output

5.6.2 CO2 Level

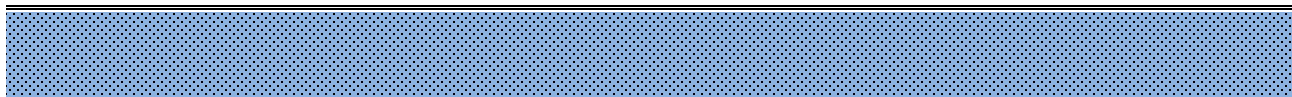
CO2 □ k □ □

CO2 □ □



KN /EIB

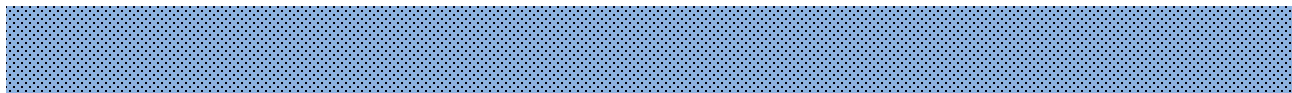
CO2 □



□ □ k □ □ □ □ k

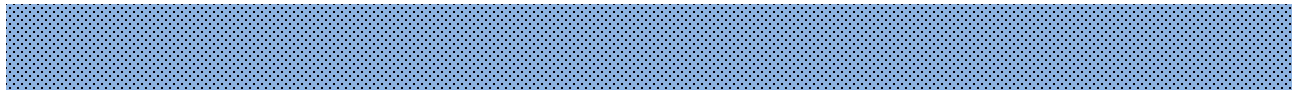
□ □

□ □ □ □ k



2 2 □ k CO2 □ □ □

CO2 □ k D □ k □ □



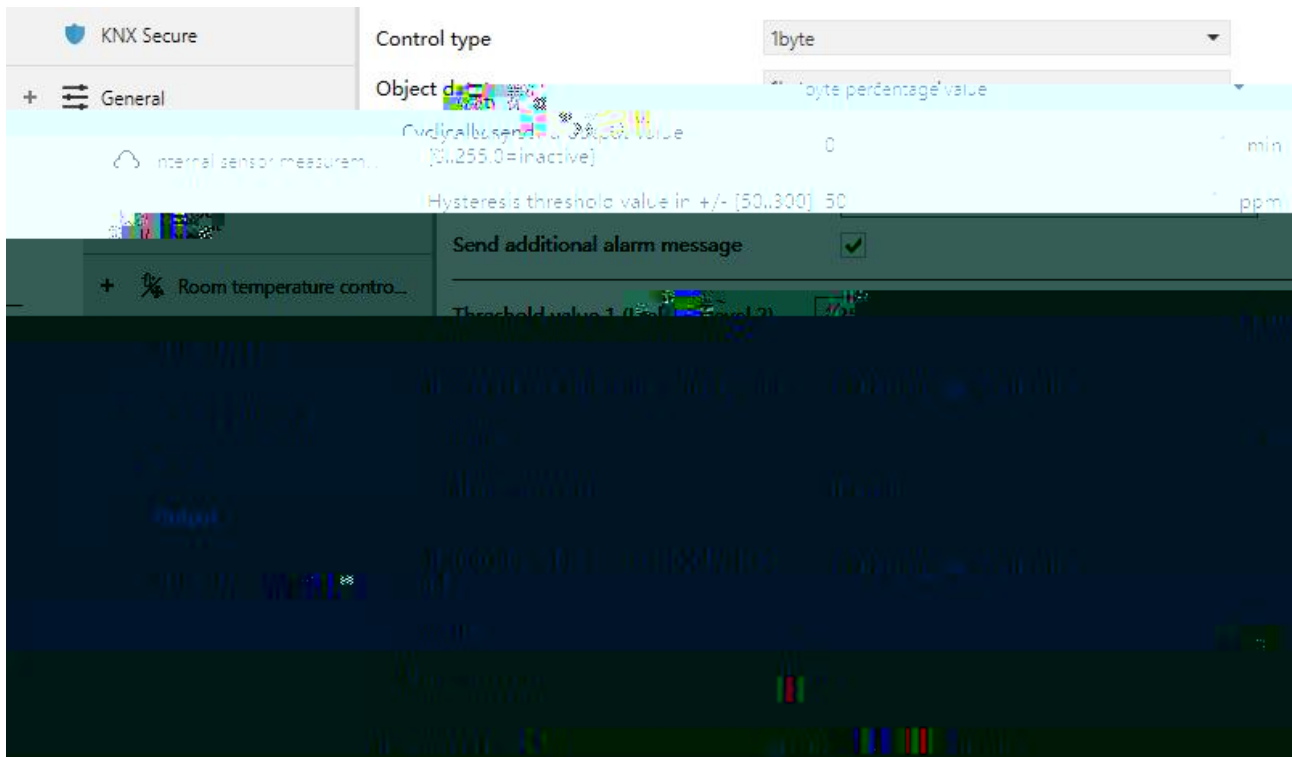
2 2 □ k CO2 □ □ □ k 0

□ k □ □

□ □ □ k



1

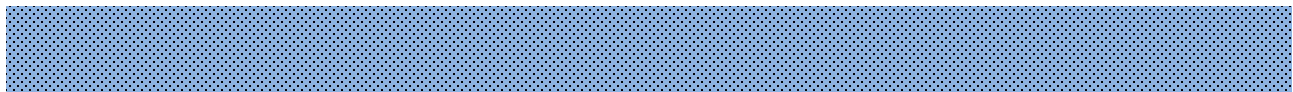


1

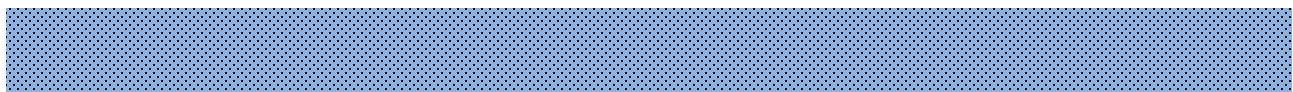


3

5.6.2.1 0



k





KN /EIB

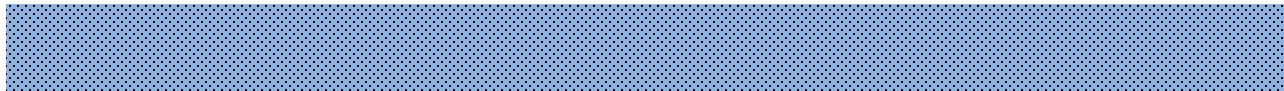
CO2 □

□

□

□

k



□

□

□

□

□ □

□

k

□

□

50

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350

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□ □

□ 300

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□

-

□ □ □

CO2

300 400

□

□

□

□

k

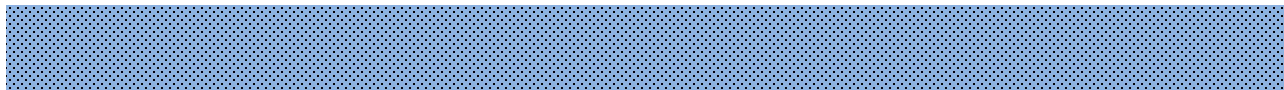
300

(

)400

□

k



□

1

3

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k

□ □

k

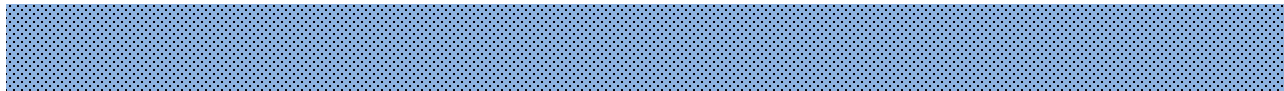
□

k



KN /EIB

CO2 ☐





N / LID

CO



1

CO2



1

2

CO2

1

1 k



2

CO2

2

3 k



3

CO2

3

4 k



k



- BH(€320 .





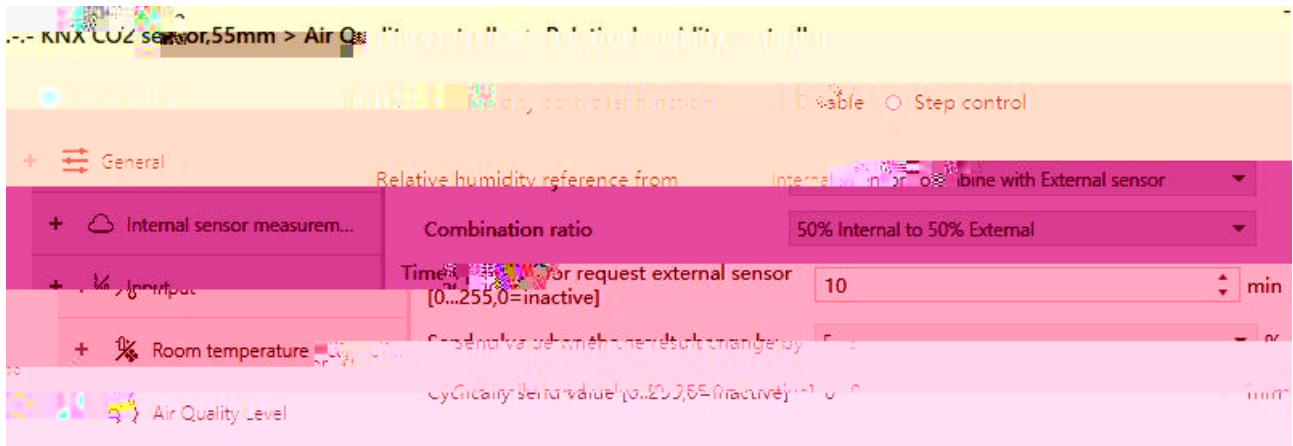
CO2



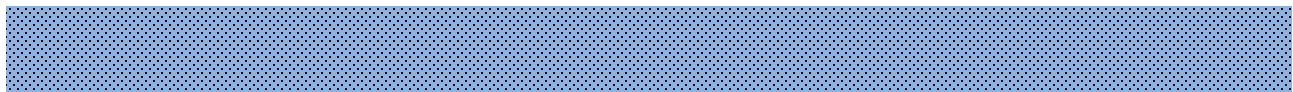
k



k



5.7.1 R



k

D

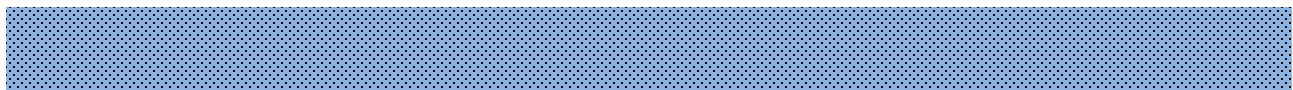


k

S



k



k



I



5.3 k

KN /EIB



KN /EIB

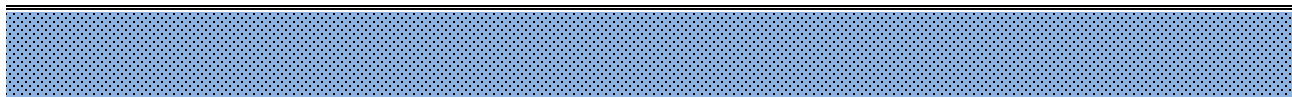
CO2 ☐

• •

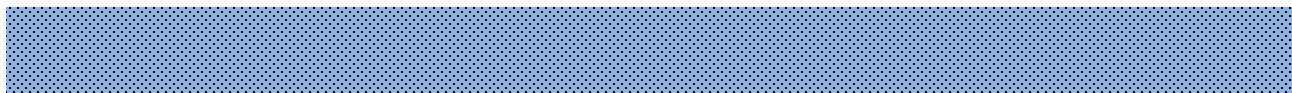


KN /EIB

CO2 ☐



1 ☐ k ☐ ☐



☐ ☐ k

☐
☐ k

☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ ☐ ☐ ☐ ☐

Threshold value 1 (step 0<->step 1) %

Threshold value 2 %

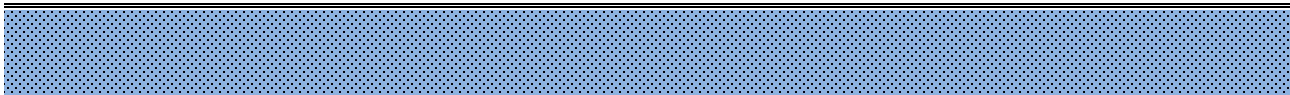
Threshold value 3 (step 2<->step 3) %

☐ ☐



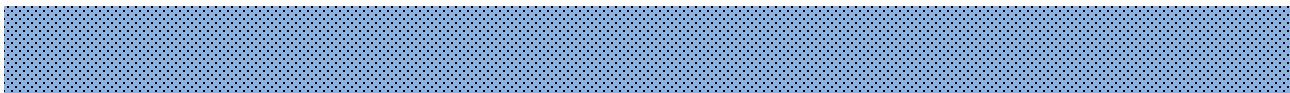
KN /EIB

CO2 □

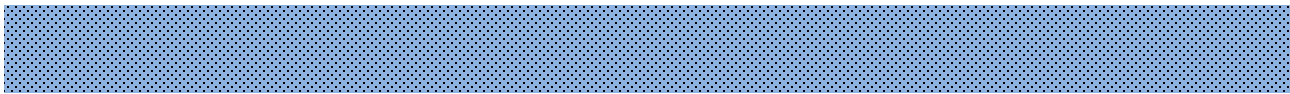


□ □ k □ □ □ □ □
□ □ □ k □ 1 □ k
□ 1 □ □ □

□ 1 □ □ □



k □ 1 □ □ □
□ □ □ □ k
□ k □ k 0 □ □
□ □ □ □ k □ □ □ k □ □



□ □ k □ □

N □ k

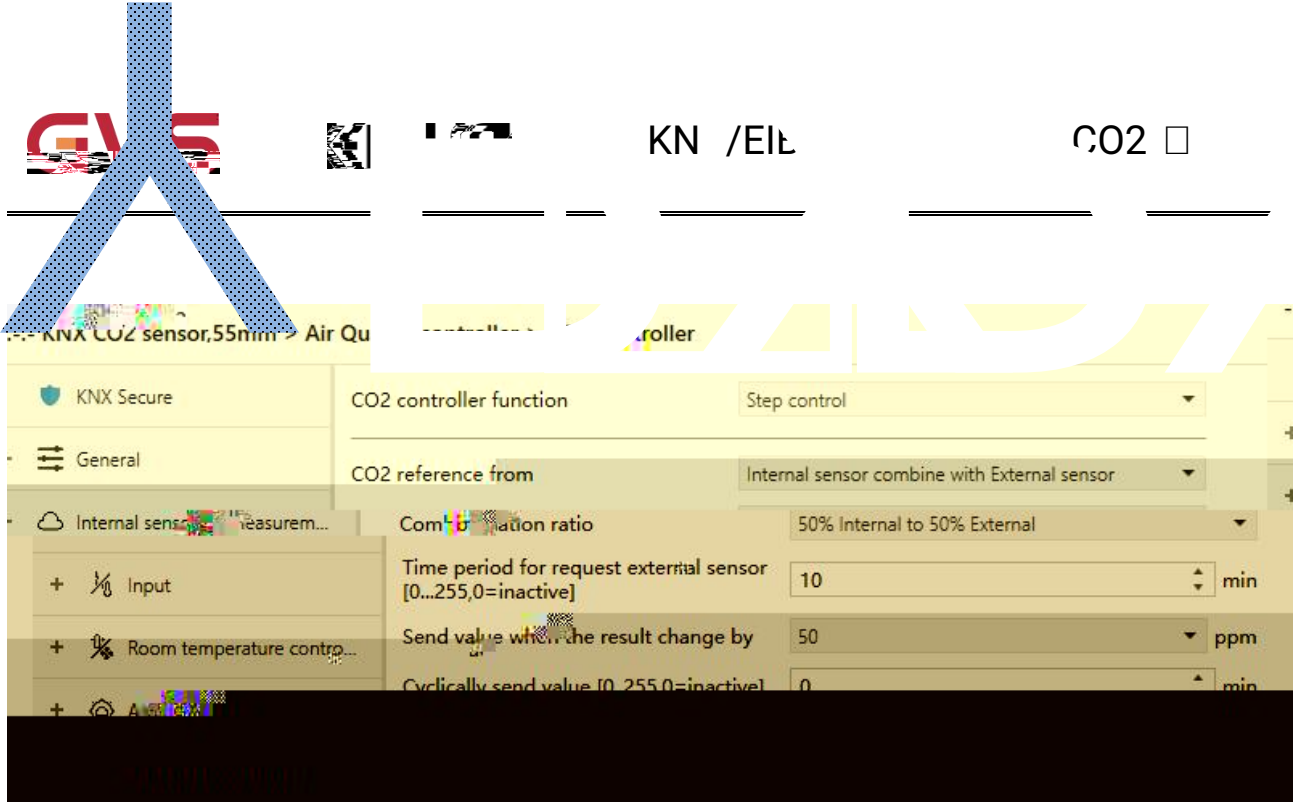
S □ □ k



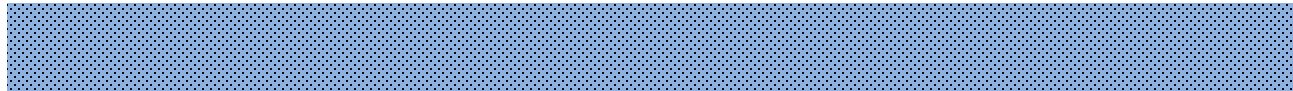
KN /EIB

C02 ☐

'ó □ S 9 9 □ k □ k □ 1 □□□□ □□□□ □□□□



5.7.2 CO2 ☐



CO2 ☐ k ☐ ☐

D ☐ CO2 k

S ☐

EEA

/EIB

2 □

EEA

• •

CO2 0 k

k

CO2 PI k

KNX CO2 sensor,55mm > Air Quality controller > CO2 controller > Output

KNX Secure

Control type 1byte

Object data

byte percentage value

byte unsigned value

Internal sensor measurement

Cyclically send control signal

min

Control value for step 0

0

%

Room temperature

Control value for step 1

Control value for step 2

Control value for step 3

Threshold value 1 (step 1 <-> step 2)

350

ppm

Threshold value 2 (step 2 <-> step 3)

450

ppm

CO2 controller

Threshold value 3 (step 3 <-> step 4)

1000

ppm

Output

Hysteresis threshold value in

50

ppm

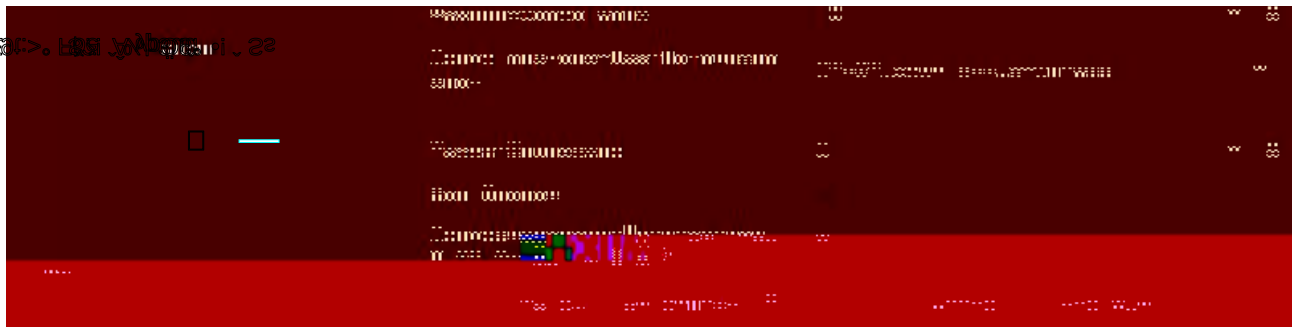
Nothing

Send

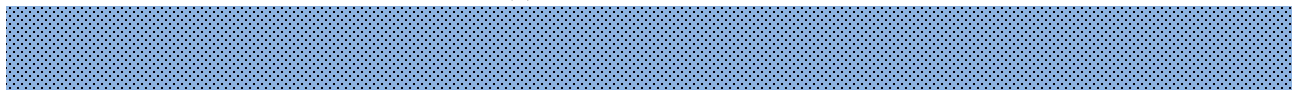
5.7.2.1(1) 0 -S



□ B

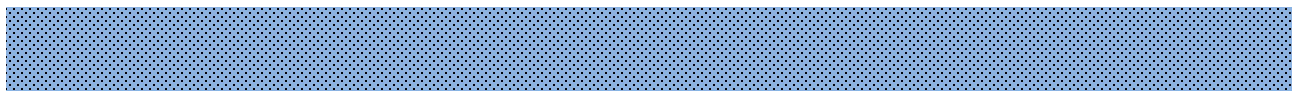


5.7.2.1(2) 0 -PI □



□

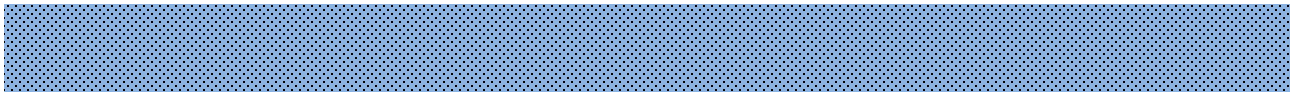
□ k □ T/A " 6





KN /EIB

CO2 ☐



k



1



k

☐ 1



☐ 1



☐ 1 ☐

CO2



☐ 1 ☐



1



☐ 1 ☐



0

k



☐ 2 ☐

CO2

☐ 2 ☐



2

k



☐ 3 ☐

CO2

☐ 3 ☐



3

k



k

☐ ☐ *



*

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k



Threshold value 1 (step 0<->step 1)

600

ppm

Threshold value 2 (step 1<->step 2)

450

ppm

Threshold value 3 (step 2<->step 3)





KN /EIB

CO2 □

□

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□ k

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CO2

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k

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400 1500

k



KN /EIB

CO2 □

□ PI PI k

□ □

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□ / k □ 1 □ k

□ 1 □ □ □

□ 1 □ □ □

□ □ □ □ k

□ k □ 1 □ □ □ □

□ 1 □ □

□



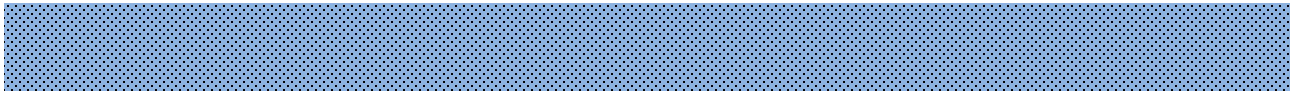
KN /EIB

CO2 □

0%=0%, =M □0% □ 0□ □ □ k

T □ □ □ □ 0% k

T 0%□ □ □ 0 k

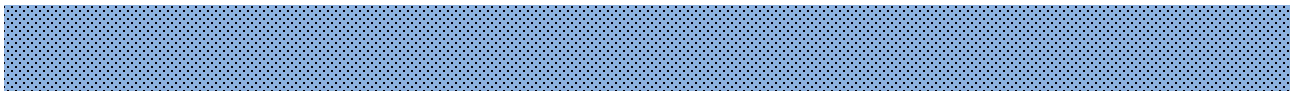


□ □ □ □ □ □ □ □

□ □ □ k □ 1 □ k

□ 1 □ □ □

□ 1 □ □ □



k □ 1 □ □ □

□ □ □ □ k

□ k □ k 0 □ □

□ □ □ □ k □ □ □ k □ □





KN /EIB

CO2 □

N □ k

S □ □ k

□ S □ k □ k □ 1 □ k

□ 1 □ □ □

□ 1 □ □ □



KN /EIB

CO2 □

□ □

Number	Name	Object Function	Description	Group Address	Length	C	R	T	U	Data	Priority
12	CO2 error report	1 bit	C R - T - boolean		1						
13	Low CO2 alarm	1 bit	C R - T - alarm		1						
14	High CO2 alarm	1 bit	C R - T - alarm		1						

6.2 I □ □

	□				DPT
□ □	□	□		k	□ -50 99.8
□ □	□	□	□ □	□	□ □ k
□ □	□	□ □ □	□ □	□ □	□ □ k
□ □	□	□		k	□ 0 100%
□ □	□	□ □ □	□	□ □	□ k
□ □	□	□ □ □	□ □	□ □	□ k
□ □	□	□	CO2	CO2	k □ 1..2000



KN /EIB

CO2 □

□ □ □ □ CO2 □ □ □ k □					
1 ° □					
0 °					
□ □ □ CO2 □ □ □ □ CO2 □ □ k					
□ □ □ CO2 □ □ □ □ CO2 □ □ k					

6.2 I □ □

□ □

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
23	Input 1 - Temperature probe	Actual temperature, Sensor			2 bytes	C	R	-	T	-	temperature (°C)	Low
24	Input 1 - Temperature probe	Temperature (°C)										

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
23	Input 1 - Switch sensor	Switch			1 bit	C	R	W	T	U	switch	Low
23	Input 1 - Switch sensor	Close, Switch			1 bit	C	R	W	T	U	switch	Low
24	Input 1 - Switch sensor	Open, Switch			1 bit	C	R	W	T	U	switch	Low



KN /EIB

CO2 □

	□				DPT
<p>□ □ □ □ k □-50 99.8</p> <p>□ D (30 .) □ □ □ I 1 - ... k</p> <p>k</p>					
<p>□ □ □ □ □ □ □ □ k</p>					
<p>□ □ □ k / □ 1 □ 2 □ k</p> <p>1 □ □ □ S k 2 □ □ □ C /O □ □</p> <p>S /L k □</p> <p>0 °</p> <p>1 °</p>					
<p>□ □ □ □ 8 □ k / □ 1</p> <p>□ 2 □ k</p> <p>1 □ □ □ S k 2 □ □ □ C /O □ □</p> <p>S /L k □ □ □ 8 k</p>					



KN /EIB

CO2 □

8 (□) □ F NNNNNN

F □ 0 □ □ 1 □

□ 0 □

NNNNNN □ □ 0 63 □ k

□

□

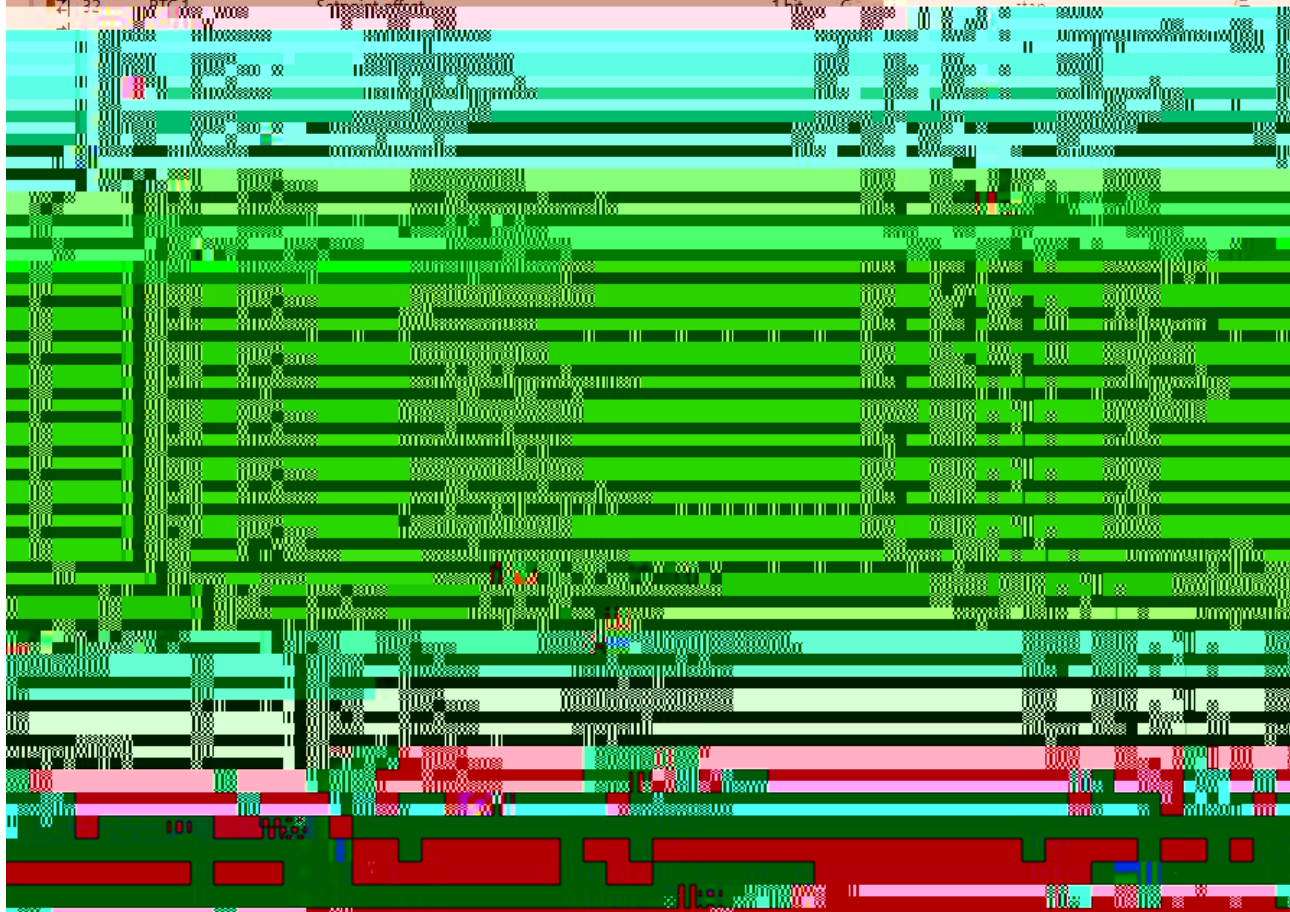
□	
0	□ 1
1	□ 2
2	□ 3
63	□ 64
128	1
129	2
130	3
191	64

□ 1 64 □ □ □ □ □ 0 63^k □ 1 □ □

□ □ 0^k

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序号	名称	对象功能	描述	群组地址	长度	C	R	W	T	U	数据类型	优先级
29	RTC 1 - ...	Power on/off			1 bit	C	R	W	-	-	switch	低
30	RTC 1 - ...	External temperature sensor			2 bytes	C	-	W	T	U	temperature (°C)	低
31	RTC 1 - ...	Base setpoint adjustment			2 bytes	C	-	W	-	-	temperature (°C)	低
32	RTC 1 - ...	...			1 bit	C	R	W	-	-	switch	低



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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
134	Relative humidity Level	External sensor value 1			2 bytes	C	-	W	T	U	humidity (%)	Low
135	Relative humidity Level	External sensor value 2			2 bytes	C	-	W	T	U	humidity (%)	Low
136	Relative humidity Level	External sensor value 3			2 bytes	C	-	W	T	U	humidity (%)	Low
137	Relative humidity Level	Actual sensor value			2 bytes	C	R	-	T	-	humidity (%)	Low
138	Relative humidity Level	Output value of level 1			1 bit	C	R	-	T	-	switch	Low
139	Relative humidity Level	Output value of level 2			1 bit	C	R	-	T	-	switch	Low
140	Relative humidity Level	Output value of level 3			1 bit	C	R	-	T	-	switch	Low
141	Relative humidity Level	Output value of level 4			1 bit	C	R	-	T	-	switch	Low
138	Relative humidity Level	Output value			1 byte	C	R	-	T	-	counter pulses (0.255)	Low
142	Relative humidity Level	Alarm message			1 byte	C	R	-	T	-	switching (0.885)	Low

6.5 R

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6.5 R

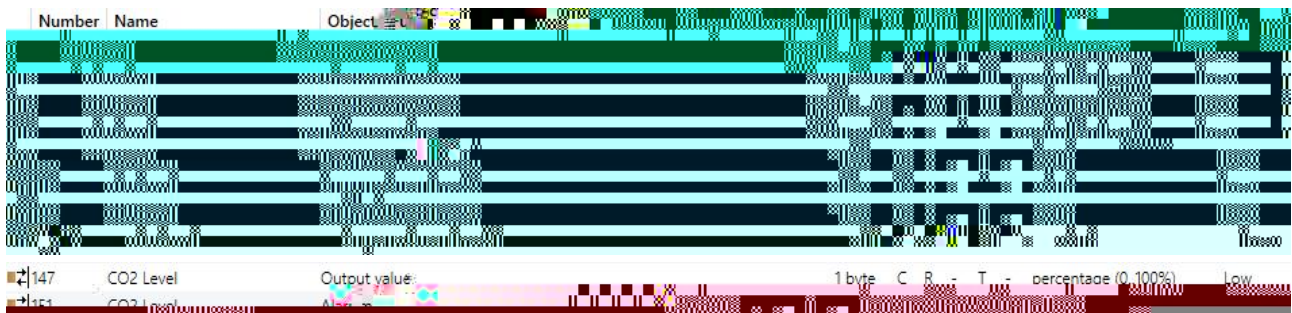
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6.6 CO2 L ☐ ☐

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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
170	Relative humidity controller	Controller on/off			1 bit	C	-	W	-	-	switch	Low
172	Relative humidity controller	External sensor value			2 bytes	C	R	-	-	-	humidity (%)	Low
173	Relative humidity controller	Controller status			1 bit	C	R	-	T	-	switch	Low
	Relative humidity controller	Actual sensor value			2 bytes	C	R	-	T	-	humidity (%)	Low
	Relative humidity controller	Control stop			1 byte	C	-	W	-	-	percentage (0..100%)	Low

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