

CLIMATE CONTROLS

Climate controls with CO-sensor GS 80.22 knx



Accessories



TF06 Temperature sensor

Overview

- KNX climate controls with carbon monoxide sensor
- Measurement of room temperature, humidity and CO-concentration
- Configurable control thresholds for carbon monoxide concentrations
- 2 binary inputs (e.g. for connecting an external temperature sensor)
- 2 binary outputs
- Direct connection via KNX-TP interface
- Clearly structured ETS
- Easy installation and mounting
- Modern and planar design

NOTICE

- This device is not suitable for use in safety-related applications.

Order numbers

■ müller

GS 80.22 knx

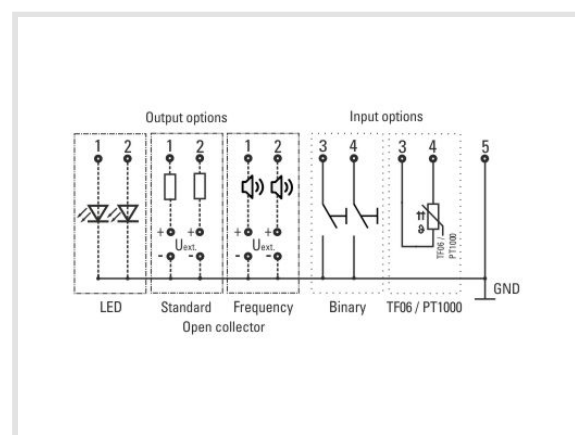
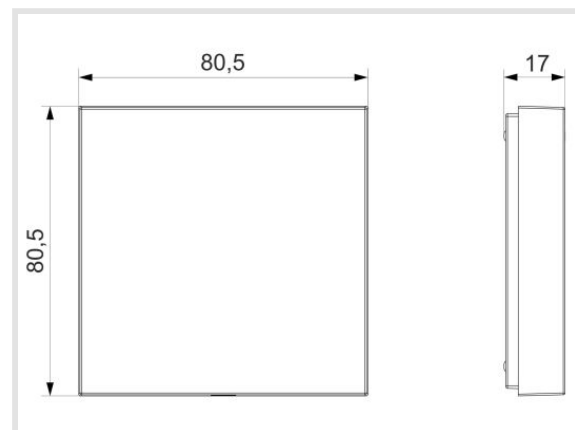
Climate controls with
CO-sensor
Soon available!

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Technical data

Supply voltage	via KNX bus voltage
Bus current	5mA
Bus system	KNX-TP
Inputs	2x binary inputs Inputs 1 & 2 combinable as external temperature sensor input (PT1000 / Müller TF06) (this function occupies both inputs 1 & 2).
Outputs	2x binary outputs - configurable as LED-driver (< 3 mA) - configurable as PWM output signal - configurable as „open-collector“ output with the following specifications: ▪ ext. supply voltage $U_{max} = 50 \text{ V DC}$ ▪ max. current (I_{max}) = 80 mA ▪ output level low = 0,5 V DC
Sensors	Carbon monoxide (CO) Temperature Relative humidity
Measuring range CO-concentration	5...1.000 ppm (air pressure compensated)
Expected life span	8 years
Measuring range temperature	0°...+50° C
Measuring range relative humidity	0...100%
Permitted ambient temperature	0°...+50° C
Housing	self-extinguishing thermoplastic
Housing color	studio white (similar to RAL 9016)
Mounting	Wall or ceiling mounting (preferably combined with hollow-wall box)
Type of connection (KNX)	PCB push-in terminal block
Type of protection	IP 20 (DIN EN 60529)
Class of protection	III when installed according to regulations
Type of connection external inputs/outputs	Wire diameter max. 6 x 0,5 mm ² strip length 7 mm



Functions and data provided to KNX bus:

CO (carbon monoxide)	Value output Thresholds
Relative humidity	Value output
Temperature	Value output
and much more...	

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