

PUSH-BUTTON SENSORS 4-FOLD WITH ICONS

GS 68.10 knx4



Accessories



TF06 Temperature sensor

Order information

	EAN	Art. No.
GS 68.10 knx4 white	4022709247896	24789
GS 68.10 knx4 black	4022709247926	24792

Overview

- Sensors for CO₂, temperature, humidity and atmospheric pressure measurement
- Detection of air quality
- CO₂-sensor (Measuring range 425...5.000 ppm air pressure compensated)
- CO₂-value is atmospheric pressure compensated
- 2 separate temperature controls via KNX
- Temperature control with up to 4 sensor values possible
- Temperature sensor (Measuring range 0...50 °C)
- Humidity sensor (Measuring range 0...100 % rel. humidity)
- 2 VAV controls possible
- Humidity comparator function
- 3 analog outputs (0-10 V) and 3 binary inputs
- 1 input for external temperature sensor
- RGB, RGBW and Tunable White dimming function
- KNX Secure
- Updateable
- Clearly structured ETS
- Easy installation and mounting
- Modern design for flush mounting [55 mm]
- Fits in common switch range (55 x 55 mm)
- GS 68.00 knx4: Setpoint temperature display optional display of further values
- Party function
- **Frame is not included in delivery**

The 55 mm push-buttons from Müller are compatible with the switch programmes of leading manufacturers, including:

- GIRA Standard 55, E1, E2, E3, Event, Esprit, Studio
- BERKER B.3, B.7, S.1
- JUNG Serie A (A 550, A Plus, A FLOW, VIVA, A Creation), AS 500. Serie CD/LS with intermediate frame
- MERTEN System M (M-Pure, 1-M, M-Plan, M-Smart). System Design with intermediate frame
- BUSCH-JÄGER Balance SI. Future Linear, Art Linear with intermediate frame

Order numbers

■ müller	
GS 68.10 knx4	temperature display 2 buttons temperature 2 buttons light

PUSH-BUTTON SENSORS 4-FOLD WITH ICONS
GS 68.10 knx4

Order information

	EAN	Art. No.
GS 67.00 knx4	4022709243751	24603
GS 68.00 knx4	4022709246073	24607
GS 67.00 knx4 RAL 9005 tiefschwarz	4022709246370	24637
GS 68.00 knx4 RAL 9005 tiefschwarz	4022709246417	24641

Technical data

Supply voltage	via KNX bus voltage
Bus current	< 12,5 mA
Bus system	KNX
Safety	KNX Secure
Sensors	CO ₂ temperature relative humidity atmospheric pressure dew point
Functions	Switching blind / shutter control dimming scenes values logic function and much more
Inputs	3 binary inputs 1 input configurable as temperature sensor input for common temperature sensors
Outputs	3 analog outputs 0-10 V
Manual operation	manual adjustment of set-point temperature ±5° (increment adjustable)
Measuring range CO ₂ -concentration	425...5.000 ppm (air pressure compensated)
Measuring range temperature	0...50 °C
Measuring range relative humidity	0...100 %
Measuring range atmospheric pressure	300...1.100 hPa
Permitted ambient temperature	0...50 °C
Housing	self-extinguishing thermoplastic
Dimensions	55 x 55 mm
Housing color	pure white (similar to RAL 9010) or jet black (similar to RAL 9005) specific colors on request
Mounting	flush-mounting
Type of connection	push-in connector KNX-connector
Type of protection	IP 20 (DIN EN 60529)
Class of protection	III when installed according to regulations
Type of connection analog outputs and binary inputs	wire diameter max. 0,2-0,5 mm ² strip length 5-6 mm

Functions and data provided to KNX bus:

CO ₂	Value output Control (step and PI control)
Temperature	Value output Control heating (2-point- and PI control) Control cooling (2-point- and PI control) Alarms
Relative humidity	Value output Control (step and PI control) Comparator
Dewpoint	Value output Alarms
Heat index	Value output Alarms
Air pressure	Value output
VAV control	Value output (0...100%)
and much more...	

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