

# Frost protection thermostat Model A2G-65

WIKAI data sheet TE 62.92



## Applications

- For air-side temperature control and prevention of frost damage to water heating coils in ventilation and air-conditioning systems
- Through the frost protection thermostat switching, the following frost-protection measures, for example, can be initiated:
  - Ventilator OFF
  - External air damper CLOSED
  - Heating coil valve 100 % OPEN
  - Heating coil pump START
  - Chiller (condenser) and air-humidifier OFF
  - Activation of the visible and/or audible frost warning alarm

## Special features

- Automatic resetting
- Small switching difference
- High repeatability
- Simple mounting
- Incl. mounting accessories



Frost protection thermostat model A2G-65

## Description

### Design

CE conformity: 2004/108/EG Electromagnetic compatibility (EMC)  
 Product safety: 2001/95/EC Product safety  
 EMC: EN 60730-1: 2002  
 Product safety: EN 60730-1: 2002

### Adjustable range for setpoint

-10 ... +15 °C (Factory setting: 5 °C)

### Switching difference

$\leq 2 \pm 1$  °C

### Repeatability

$\pm 0.5$  °C

### Sensor active length

approx. 60 cm

### Switching output

Changeover contact, max. 250 V AC, max. 10 A  
 Contact material: Ag / Ni (90 % / 10 %), gold-plated (3 µm)

### Permissible temperature

Storage: -30 ... +70 °C  
 Ambient: -30 ... +70 °C, max. 85 % rH, non-condensing  
 Medium: w + minimum 2 K ... 70 °C  
 (w = selected setpoint)

### Ingress protection

IP 65 per EN 60529 / IEC 529

## Standard version

### Capillary tube

Copper alloy

Length 3 m, optional 1.8 or 6 m

### Capillary tube filling

R 507

### Resetting

Automatic, manual optional

### Electrical connection

Screw terminal max. 2.5 mm<sup>2</sup>

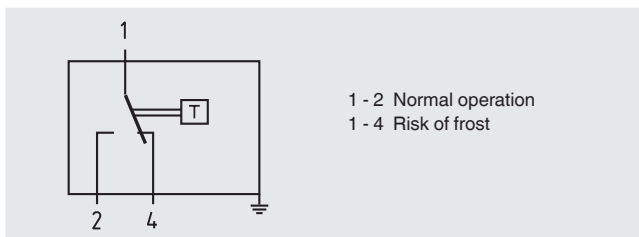
Cable gland M16 x 1.5

### Housing material

Lower body: PA GK30

Cover: ABS transparent

## Connection diagram



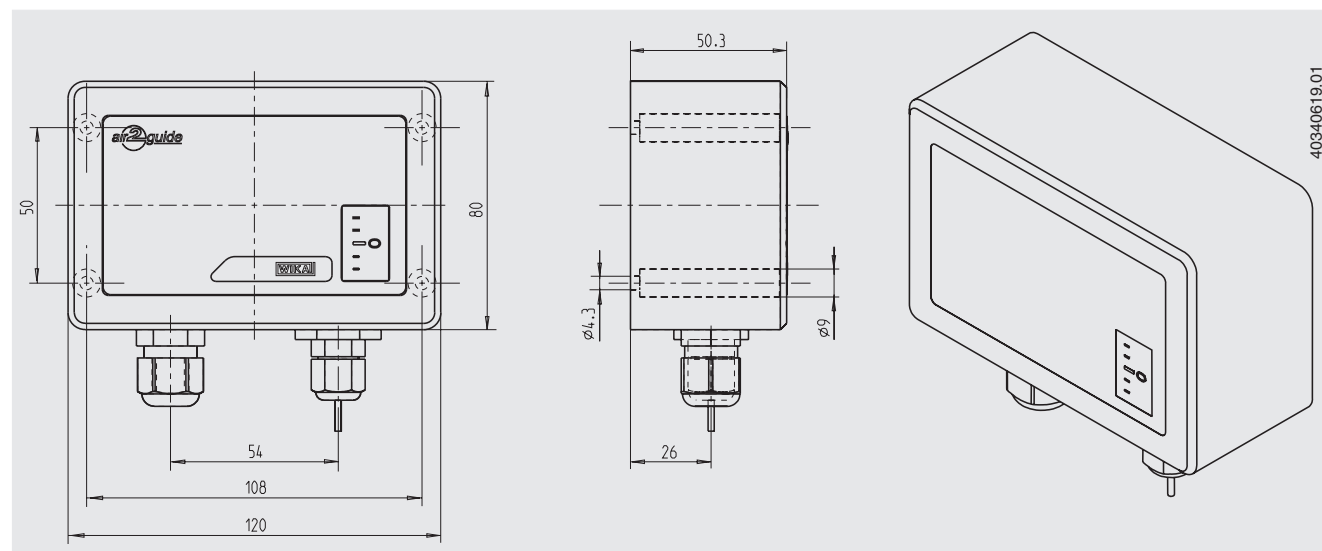
## Standard accessories

- Mounting clamps, 6 pieces for 6 m long capillary tube
- 2 x grommets DA 20/80/10

## Options

- Manual resetting
- Capillary tube length 1.8 or 6 m

## Dimensions in mm



## Ordering information

Model / options

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We reserve the right to make modifications to the specifications and materials.



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