



TG053A

IP44



## Weather station KNX GPS

### Technical properties

#### Architecture

Type of product analogic multifunction

#### Functions

Precipitation (Yes/No) 1 bit

Function Measuring of precipitation, temperature, wind, brightness ; with 8 logical AND- and OR-logic functions

#### Controls and indicators

Control Facade control

Button / push-button with programming button

#### Connectivity

Signal output No

Inputs with logic gates for linking the limiting value results ; with blocking modules for filtering input objects depending on blocking objects

#### Voltage

Auxiliary voltage 12...40 V AC/DC

Operating voltage over bus 21...32 V DC

#### Electric current

Rated current (heating incl.) 80 mA

#### Dimensions

Dimensions (LLxwwxhh) 77x96 x118mm

#### Measurement

Speed measurement range 0 / 35 m/s

Temperature measurement range -30 / 80 °C

Measuring range, wind speed 0...35 m/s

Measuring range, wind strengths 0...35 Bft

#### Detection

Sensor with wind, precipitation, twilight, temperature and brightness sensor

#### Lighting control

Brightness measurement range 0 / 150000 Lux

#### LED control

LED with red programming LED

## Installation, mounting

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|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Installation mode | for wall and mast assembly ; with pipe clamp for mast fixing |
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## Connection

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|                    |                                         |
|--------------------|-----------------------------------------|
| Bus coupling unit  | with integral bus coupling unit         |
| Type of connection | with plug-in terminals for power supply |
| Bus connection     | bus connection via connecting terminal  |

## Settings

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|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| Supported configuration modes | system                                                                         |
| Setting                       | delay times and hysteresis adjustable                                          |
| Time                          | with automatic summer/winter time change-over ;<br>Calendar timer ; Week timer |

## Equipment

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|                         |                                          |
|-------------------------|------------------------------------------|
| Number of binary inputs | 0                                        |
| Heating                 | with heater element for winter operation |

## Use

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|                                          |                                 |
|------------------------------------------|---------------------------------|
| Differentiation characteristic 3 - Sales | with integral bus coupling unit |
|------------------------------------------|---------------------------------|

## Safety

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|                     |      |
|---------------------|------|
| Protection index IP | IP44 |
| REACH conform       | Yes  |
| RoHS conform        | Yes  |

## Use conditions

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|                       |             |
|-----------------------|-------------|
| Operating temperature | -30...50 °C |
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## temperatur

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|                                     |             |
|-------------------------------------|-------------|
| Temperature measuring range, linear | -30...80 °C |
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## Identification

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|------------------|-----|
| Main design line | KNX |
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## Instructions

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| Information text | Ensure correct orientation and free-standing installation. |
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