



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

---

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

## Connection

---

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

---

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

## Equipment

---

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

## Use

---

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

## Safety

---

Protection index IP	IP44
REACH conform	Yes
RoHS conform	Yes

## Use conditions

---

Operating temperature	-30...50 °C
-----------------------	-------------

## temperatur

---

Temperature measuring range, linear	-30...80 °C
-------------------------------------	-------------

## Identification

---

Main design line	KNX
------------------	-----

## Instructions

---

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