



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
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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
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Safety

Protection index IP	IP44
REACH conform	Yes
RoHS conform	Yes

Use conditions

Operating temperature	-30...50 °C
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Temperature measuring range, linear	-30...80 °C
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Identification

Main design line	KNX
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Instructions

Information text	Ensure correct orientation and free-standing installation.
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