



TXE531



e IP44
easy

KNX weather station with GPS surface-mounted with integral bus coupling unit, KNX

Technical features

Architecture

Type of product	analogic multifunction
Fixing mode	surface-mounting

Functions

Precipitation (Yes/No)	1 bit
With heater	yes
- 3 limit values can be set for wind alarm	
- with simulation function for commissioning independently of weather conditions	

Controls and indicators

- for control of shading systems for up to 4 facades
- with programming button

Voltage

Auxiliary voltage	24 V AC/DC
Operating voltage over bus	21...32 V DC

Electric current

Rated current (heating incl.)	80 mA
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Measurement

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

Supply voltage	24 V AC/DC
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Detection

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

Lighting control

Brightness measurement range	0 / 150000 Lux
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LED control

LED	with red programming LED
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Installation, mounting

Installation mode	for wall and mast assembly, with pipe clamp for mast fixing
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Connection

Analogical connection	no
- with integral bus coupling unit	
- with plug-in terminals for power supply	
- bus connection via connecting terminal	

Settings

Supported configuration modes	system, easy
Time	with automatic summer/winter time change-over, Reception of date, time and location data via GPS signal

- easy commissioning by means of predefined parameters
- predefined parameters when activating heat protection function or heat generation function

Equipment

Weather station	yes
With rain detection	yes

- 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
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- cyclical transmission behaviour for temperature alarm, brightness, day/night mode, rain alarm and 3 wind alarm levels freely adjustable

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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