

AGS43

Outdoor temperature sensor

thermokon[®]
Sensortechnik GmbH

Datasheet

Subject to technical alteration
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Application

For measuring temperature in outdoor areas, in cold stores and greenhouses, production plants and warehouses. Designed for locking on control and display systems.

Types Available

AGS43 Sensor passive, with Sensor according to customer's need*

* e.g.: PT100/PT1000/Ni1000/Ni1000TK5000/LM235Z/NTC.../PTC...and other sensors on request.

Security Advice – Caution



The installation and assembly of electrical equipment should only be performed by authorized personnel.

The product should only be used for the intended application. Unauthorised modifications are prohibited! The product must not be used in relation with any equipment that in case of a failure may threaten, directly or indirectly, human health or life or result in danger to human beings, animals or assets. Ensure all power is disconnected before installing. Do not connect to live/operating equipment.

Please comply with

- Local laws, health & safety regulations, technical standards and regulations
- Condition of the device at the time of installation, to ensure safe installation
- This data sheet and installation manual

Notes on Disposal



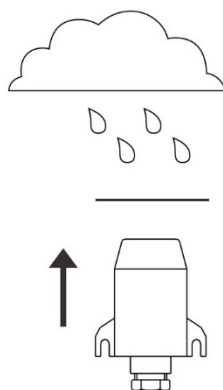
As a component of a large-scale fixed installation, Thermokon products are intended to be used permanently as part of a building or a structure at a pre-defined and dedicated location, hence the Waste Electrical and Electronic Act (WEEE) is not applicable. However, most of the products may contain valuable materials that should be recycled and not disposed of as domestic waste. Please note the relevant regulations for local disposal.

Technical Data

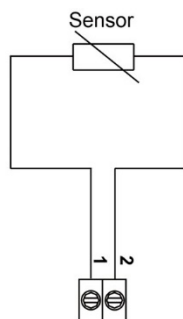
Measuring values	temperature
Output voltage	passive sensor
Measuring range temp	passive: depending on used sensor
Accuracy temperature	passiv: depending on used sensor
Enclosure	PC pure white, Cable entry PA6 black
Protection	IP43 according to EN 60529
Cable entry	PG9
Connection electrical	terminal block, max. 15AWG
Ambient condition	-31...+194 °F, max. 85% rH short term condensation
Notes	other sensors on request

Mounting Advices

In case of outdoor installation avoid direct rain and sun contact. Probably use sun respectively rain protection.



Terminal Connection Plan



Dimensions (in.)

