AGS54

Outdoor temperature sensor



Datasheet

Subject to technical alteration Issue date: 21.02.2014



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

AGS54 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 must be performed by a skilled electrician.

The modules must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with applications that can result in danger for people, animals or real value.

Before connecting devices with electrical power supply the installation must be isolated from power source!

Notes on Disposal

For disposal, the product is considered waste from electrical and electronic equipment (electronic waste) and must not be disposed of as household waste. Special treatment for specific components may be legally binding or ecologically sensible. The local and currently applicable legislation must be observed.

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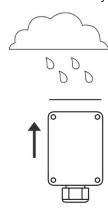
Technical Data

Measuring element:	Sensor according to customer's
	request
Measuring range:	Depending on sensor used
Accuracy:	Depending on sensor used
Measuring current:	Typ. <1 mA
Clamps:	2pole (two-wire)
·	3pole (three-wire)
	4pole (four-wire)
	Terminal screw max 1,5mm ²

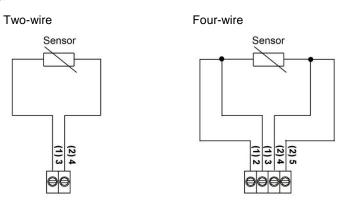
Cable entry:	Single entry, M16 for cable max.
	Ø=8 mm
Enclosure:	Polyamide, white
Protection:	IP65 according to EN 60529
Ambient temperature	-35+90 °C
enclosure:	
Weight:	approx. 75 g

Mounting Advices

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



Terminal Connection Plan



Dimensions (mm)

