
 MIS 450en	Mounting Instruction	
TOW2- Series (T)	Outdoor Temperature with Passive Output	

The TOW2- Series (T) is designed to measure temperature in outdoor areas, plant rooms, cold stores, greenhouses, production plants and warehouses

The Temperature sensor is sealed in an external sensor pocket for a fast response of temperature changes

The temperature output is passive



Sensor Specification	Sensor Specification	Measured Sensor Characteristics Sensor Output (s) Measuring Current Accuracy Sensor PT100 / PT1000 Sensor NTC Sensor LG-NI1000 Measuring Range (s)	Temperature Passive See Product Range, Page 1 <1mA ± 0.3K @ 0°C DIN EN 60751, class B ± 0.3K @ 25°C ± 0.4K @ 0°C DIN EN 43760, class B -50°C...+150°C
	Technical Information	Electrical Information Mechanical Information User Interface Color and Materials Environmental Condition Norms and Directives	Terminal Clamp Sensor Pocket Diameter Sensor Pocket Length Cable Entry Sensing Element Position None Housing Cover Housing Bottom Lock Screws Cable Gland Gland Rubber Seal Immersion Rod Operation Temperature Operation Humidity Transport Temperature Transport Humidity Storage Temperature Storage Humidity IP- Rating Safety Class Product Standard 1 RoHS Compatibility Operation Climatic Condition Operation Mechanical Condition Transport to Climatic Condition Transport Mechanical Condition Storage Climatic Condition Storage Mechanical Condition

Product Range	Order Code	Sensor Output	Measuring Range	IP Rating	Product Dimension
	TOW2.BF	PT100	-50...+150°C	IP65 to IEC60529	78x58x45mm
	TOW2.BG	PT1000			
	TOW2.BP	NTC10k			
	TOW2.BQ	NTC10k Pre			
	TOW2.BR	NTC20k			
	TOW2.BL	LG-NI1000			

Installation Notes



Observe the following general regulation for engineering and implementation:

All relevant national and heavy power regulation

Other country specific regulations

Country-specific regulations

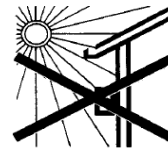
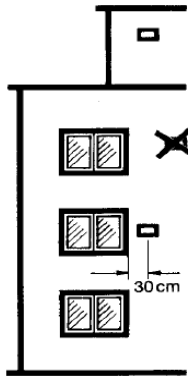
Local electrical supply authority regulation

Schematics, cable listings, dispositions, specification and arrangements from the customer or engineering office in charge

Third party specifications, e.g. general contractors or constructors

Mounting Advices

Advices



Disposal Notes

The device is considered an electronic device for disposal in terms of the EUROPEAN DIRECTIVE 2012/19/EU.



The device may not be disposed as domestic garbage.

The device must be disposed through channels provided for this purpose.

It is mandatory to comply with local currently applying laws and regulations.

Connections

1	1	2	2
Optional 3-wire	Sensor +	Sensor -	Optional 4-wire

3- wire connection

2- wire connection

4- wire connection

optional

standard

optional

Dimensional Drawing

