

Product Information

RM-T2

Temperature Sensor for the Rail-Module-Bus

The LANCIER Monitoring Rail-Module-Bus is a modular and robust sensor system.

Several measuring modules are mounted on a DIN rail and are directly connected to one another through plug-in contacts. The supply voltage, data analysis and control panel as well as their transmission to the remote measuring stations are carried out via the RM-Basic module.

The RM-T2 measuring module continuously monitors temperature of e.g. district heating pipes, rooms and cabinets by means of external sensors. Its two measurement channels can read two different temperature sensors at a time.

The thresholds are programmable via built in buttons which are linked to the display of the RM-Basic module. Next to the settings the display can also indicate the current measuring values.

For the remote alarm system the RM-TH module possesses built-in dry output contacts. Additionally it can be connected to the LANCIER Tx-Bus, a Can-Bus or a telecontrol system via Modbus.



Technical Data

Temperature	Measurement range	-40 °C .. +140 °C
	Resolution	0.5 °C, max. fault ± 2.5 °C
Measurement channels		2
Supply voltage		12 V / 5 V DC by RM-Basic module
Operating temperature		-20 °C .. +65 °C
Admissible humidity		0 .. 95 % rel. humidity, non-condensing
Display		by RM-Basic module
Signal LEDs		
2 x green / red		Alarm / Acknowledgement / Temperature display
1 x blue		LC display at RM basic module is active for this specific sensor
Signal outputs		2 dry change-over contacts: alarm temperature, alarm humidity
Max. switchable voltage		250 V AC
Max. switchable current		1.5 A AC
Dimensions RM-TH (B x H x T)		72 x 89 x 65 mm

Ordering Data

RM-T2

Temperature measuring module without external sensors

Order-No. 074700.000

RM-Basic

Power supply, communication and display module for the RM-Bus

Order-No. 074001.100

Accessories

Temperature sensor PT 1000, measurement range -50 .. +180 °C
with connection cable, 5 m long

Order-No. 064634.010