## **Product Information**

## LANCIER V Monitoring

### RM-T2

# **Temperature Sensor for the Rail-Module-Bus**

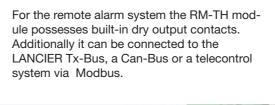
The LANCIER Monitoring Rail-Module-Bus is a modular and robust sensor system.

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.



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### **Technical Data**

| Temperature                          | Measurement range<br>Resolution | -40 °C +140 °C<br>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 1 x blue |                                 | Alarm / Acknowledgement / Temperature display 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 |