

Product Information

RM-X2

Measuring Module for the evaluation of sensors with a standardised current and voltage interface

The RM-X2-Messmodul has two measurement channels and continuously monitors and evaluates sensors for physical parameters with a standardised current and voltage interface.

The alarm threshold for the measured values can be programmed by the integrated keypad and the basic module's display.

All settings are saved in an internal EEPROM memory to prevent losses.

For remote alarms, the RM-X2 has integrated dry output contacts.

It is part of the LANCIER Monitoring Rail-Module-Bus, a modular, compact and robust sensor system.

Several measuring modules are mounted on a DIN rail and are directly connected to one another by means of 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.



Technical Data

For each measurement channel

Current signals according to DIN IEC 60381-1 0 mA ... 20 mA with internal shunt resistor 500 Ω OR
4 mA ... 20 mA with internal shunt resistor 500 Ω OR

Voltage signals according to DIN IEC 60381-2 0 V ... 5 V DC or
0 V ... 10 V DC or

further 0 V ... 1 V DC or
0 V ... 100 V DC

Fault ±1.5 % of measured value, ±1 % of end value
Potential separation 200 V DC

Supply voltage 12 V / 5 V DC by RM-Basic module (Max. 4 RM-X2 modules per Basic module)

Operating temperature -20 °C .. +65 °C

Storing temperature -40 °C .. +70 °C

Admissible ambient humidity 0 .. 95 % rel. humidity, non-condensing

Display LC-Display by RM-Basic module

Signal LEDs 2 x green/red for S1 resp. S2
1 x blue for active LC-display at the RM-Basic module

Signal outputs 2 dry change-over contacts for S1, S2

Max. switchable voltage 250 V AC

Max. switchable current 1.5 A AC

Dimensions RM-X2 (W x H x D) 72 x 89 x 65 mm

Ordering Data

RM-X2

Measuring module for the evaluation of sensors with a standardised current and voltage interface, sensors not included (specify required measuring range with order)

Order-No. 074708.100

Accessories

RM-Basic

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

Order-No. 074001.100