DATASHEET
Environment Monitoring System RAMOS Micro

CONTEG

RAMOS MICRO AND ITS ACCESSORIES

RAMOS Micro

RAMOS Micro is a simple small solution for monitoring the environment. With two new universal ports it can monitor up to 5 sensors (temperature, humidity, flood, pressure, CO_2, etc.) and with 2 binary inputs it can detect other possible parameters such as door contacts, smoke, motion, flood detectors, etc. It supports PoE power supply and WiFi communication. With the new universal ports, new accessories can be connected, such as spot water detection and rope water detection, or a special sensor for pressure and CO_2 measurement.

Technical information:

- 2 universal RJ12 ports through which up to 5 parameters can be monitored.
- 2 input contacts for connecting detectors or contacts
- Power supply: PoE or external 5V power supply (optional accessory RMS-PW-05)
- Protocols: SNMP, XML
- Communication: LAN and WiFi
- Dimensions: 30 × 103 × 68 mm
- Built-in webserver

Included: RAMOS Micro, brackets, temperature sensor with 3m cable

Code	Description
RAMOS Micro	Main monitoring unit

Temperature sensor

Dimensions: 40 × 40 × 20 mm
Resolution: 0.1 °C
Range: -30 to +70 °C

Included: 3 m sensor connection cable

Code	Description
RMS-STB	Temperature sensor in a box with 3m cable.

Temperature and humidity sensor

Dimensions: 40 × 40 × 20 mm
Resolution: 0.1 °C/0.1% RH
Range: -30 to +70 °C/0-100 % RH

Included: 3 m sensor connection cable

Code	Description
RMS-STHB	Temperature and humidity sensor in a box with 3m cable.

Air quality sensor

It measures temperature, humidity, atmospheric pressure and the content of volatile substances in the air.

Dimensions: 40 × 40 × 20 mm
Resolution: 0,1 °C/0,1 % RH/10 Pa/1-32 ppb
Range: -30 to +70 °C/0-100 % RH/30-110 kPa/0-60,000 ppb

Included: 3 m sensor connection cable

Code	Description
RMS-SQAB	Air quality sensor in a box with 3m cable.

Temperature, humidity and CO_2 sensor

It measures the temperature, humidity and CO2 content of the air.

Dimensions: 60 × 60 × 20 mm
Resolution: 0.1 °C/0.1% RH/1-32 ppm
Range: - 30 to +70 °C/0-100 % RH/300-40,000 ppm

Included: 3 m sensor connection cable

Code	Description
RMS-STHCOB	Temperature, humidity and CO_2 sensor in a box with 3m cable.

Spot water detection

It does not require an external power supply and plugs into the sensor ports. For indoor and outdoor use.

Dimensions: 47 × 37 × 22 mm
IP protection: IP67
Mounting hole: Ø 4 mm

Included: 3 m sensor connection cable

Code	Description
RMS-DE-07	Spot water detection with 3m fixed cable.

Rope water detection

Rope water detection with relay output and port for connection to sensor ports.

Power supply via adapter (included), via terminals or via sensor port.

The connection cable for the detection rope (RMS-DE-06-D2) is 2 m long (included).

The basic detection rope (RMS-DE-06-EXT2) 2m long is included in the kit and can be extended with 10m extensions (RMS-DE-06-EXT10), 50m extensions (RMS-DE-06-EXT50) and 5m connecting parts (RMS-DE-06-C5) up to a maximum length of 185m

Kód	Popis
RMS-DE-06	Rope water detection.

CONTEG, spol. s r.o.
Stetkova 1638/18
140 00 Prague 4
Czech Republic

Tel.: +420 565 300 358
info@conteg.com
www.conteg.com

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