

SAM-1

- MANHOLES
- CHAMBERS
- TANKS
- TEMPERATURE
- OTHER SENSOR



SAM-1 SMART MONITORING

SAM-1 is a standalone alarm unit to monitor remotely following chambers or tanks conditions: water levels, manhole opening, temperature, humidity etc.

SAM-1 can be also utilized as a potential leak detector for traditional/channel pipe network (*non-pre-insulated pipe networks*). All data collected by the device are sent via IoT technology to the RATMON system. Thanks to the opened MQTT protocol, data can be also sent directly to any external system.

Specification:

- Up to 5 independent inputs/sensors
- 5 years of working on battery
- Temperature measurement: -55°C to +135°C
- Humidity measurement: 0 - 100% RH
- Opened MQTT protocol to communicate with any external systems
- Communication: IoT
- Compatible with RATMON system
- Housing: IP67
- Dimensions: 190 x 130 x 60 mm
- Weight: 0,25 kg

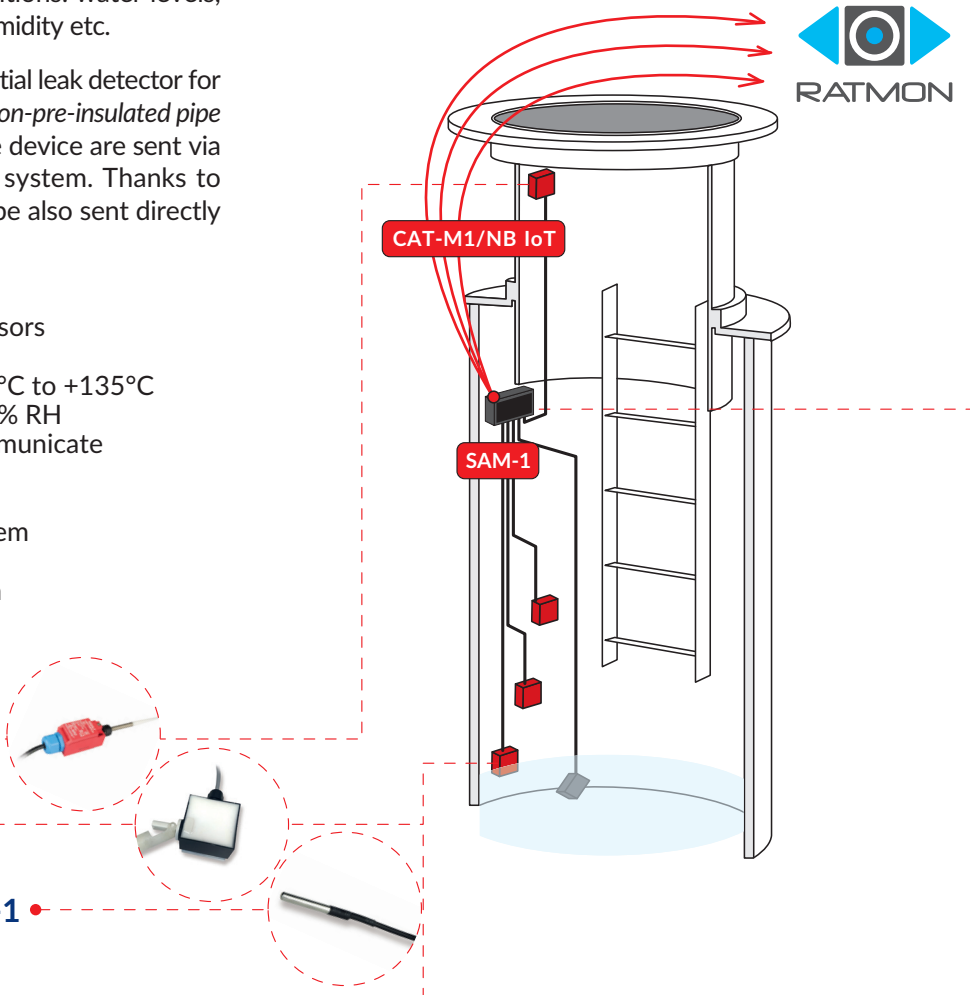
Sensors:

Manhole opening S-2 •

Flooding sensor S-1 •

Temperature sensor TEMP-1 •

Additional 4-20 mA input •





SAM-2

Standalone,
radar liquid level detector.

Application:

- Water tanks
- Septic tanks
- Manholes
- Monitoring of river level
- Monitoring of areas exposed to the flooding

Specification:

- Radar sensor
- Battery powered
- Battery lifetime, up to 3 years
- IoT wireless communication
- Embedded temperature sensor
- Optional, other sensors like e.g. lead opening sensor
- Compatible with RATMON system
- Housing IP67
- Dimensions: 190 x 130 x 80 (mm)
- Weight: 0.3 kg

