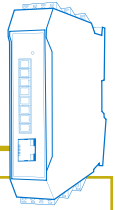


# Analog Acquisition Modules

## Modules with Ethernet TCP/IP Interface



Analog Modules could obtain information from field sensors and transducers, sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system, using different Ethernet communication protocols.

4-20mA / 0-10V



RME1-AI

Thermocouple

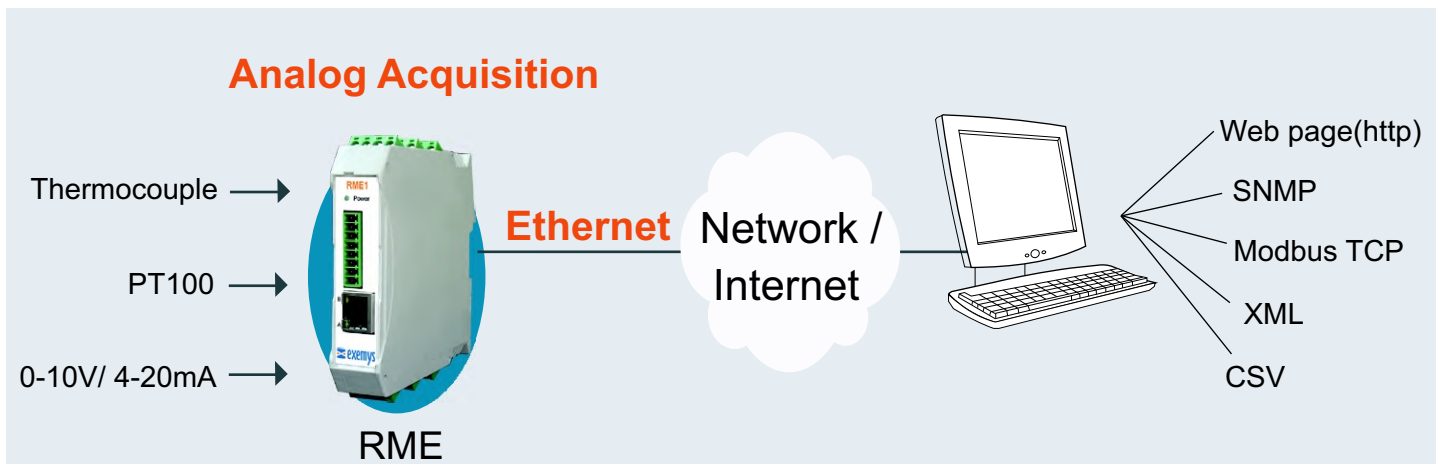


RME1-TC

PT100



RME1-PT

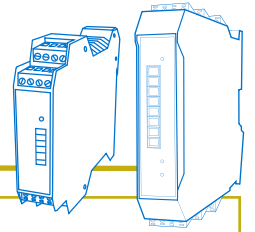


### Modules with Ethernet TCP/IP Interface benefits:

- Lets get the measurements of sensors and transducers, remote and distributed.
- The information obtained can be taken by any intelligent system software or hardware (SCADA, PLCs, PCs)
- Reduces the cost of acquisition per point.
- It can connect to devices of different brands, thanks to its 5 communication protocols

# Analog Acquisition Modules

## Modules with Modbus Interface



Analog modules allow to obtain the information from sensors and transducers, field sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system, using the Serial Modbus communication protocol.

4-20mA / 0-10V



RMS1-AI

Thermocouple



RMS1-TC

PT100



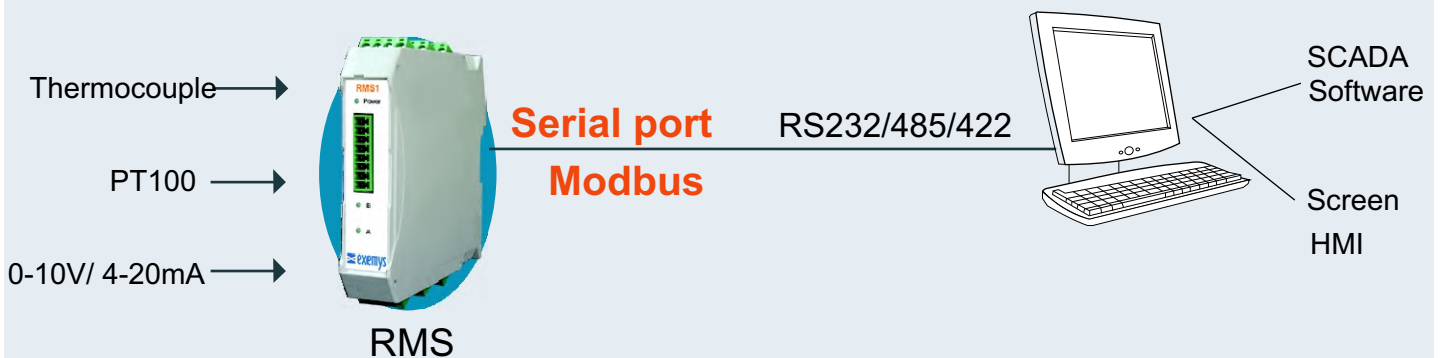
RMS1-PT

Digital Temperature to Modbus



RMS1-TD

### Analog Acquisition

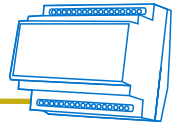


### Modules with Modbus Interface benefits:

- Lets get the measurements of sensors and transducers, remote and distributed.
- The information obtained can be taken by any intelligent system software or hardware (SCADA, PLCs, PCs)
- Reduces the cost of acquisition per point.
- It can connect to devices of different brands, thanks to the universality of Serial Modbus protocol.

# Analog Acquisition Modules

## Modules with Modbus Interface

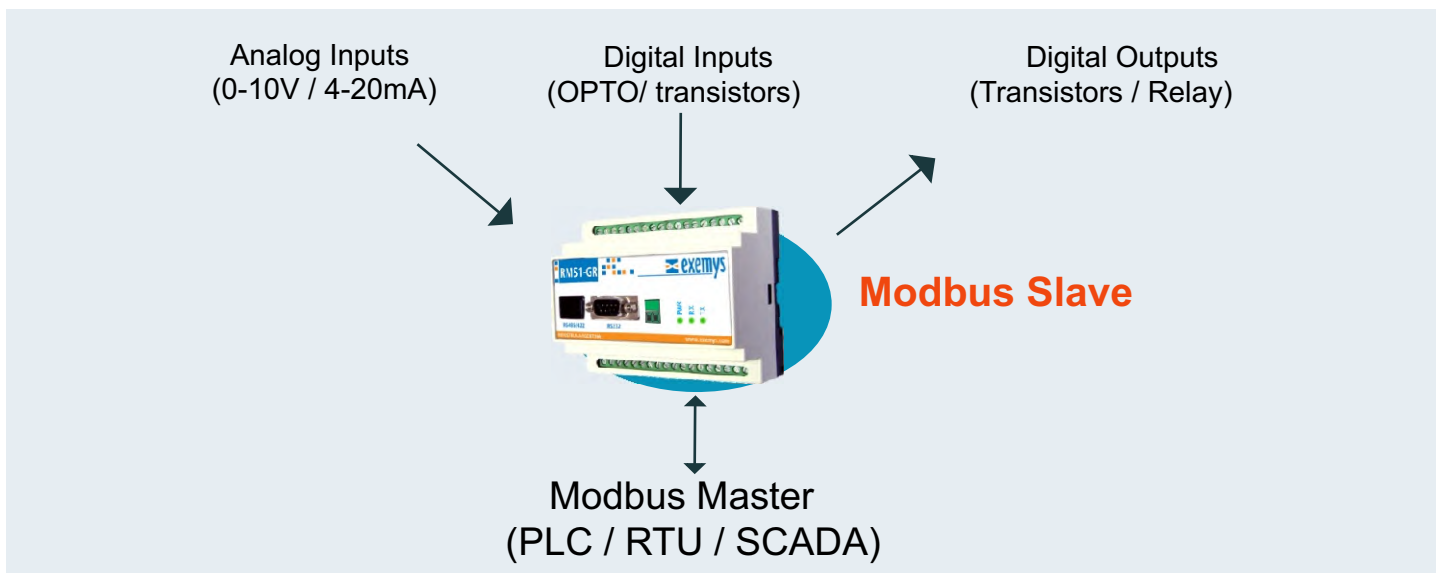


Analog modules allow to obtain the information from sensors and transducers, field sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system, using the Serial Modbus communication protocol.

### Modbus I/O Expansion Module



RMS1-GR

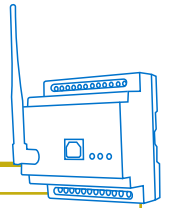


### Modules with Modbus Interface benefits:

- Lets get the measurements of sensors and transducers, remote and distributed.
- The information obtained can be taken by any intelligent system software or hardware (SCADA, PLCs, PCs)
- Reduces the cost of acquisition per point.
- It can connect to devices of different brands, thanks to the universality of Serial Modbus protocol.

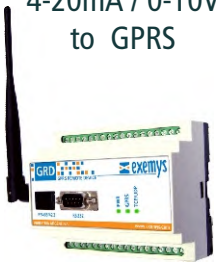
# Analog Acquisition Modules

## Modules with Cellular Interface



Analog Modules can obtain information from sensors and transducers, field sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system through a cellular data communication via GPRS or SMS messages.

4-20mA / 0-10V  
to GPRS



GRD

4-20mA / 0-10V/ 0-1V  
to GPRS



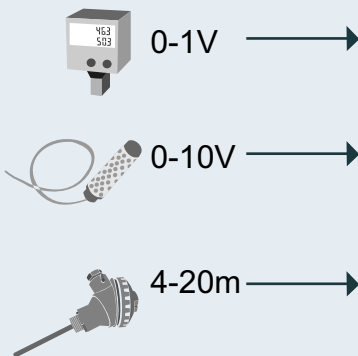
GRD New series

Data Acquisition

Communication

Access to information

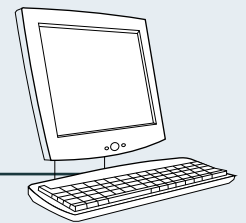
**SENSORS**



**SMS / GPRS**

Cellular network  
/ Internet  
+  
Middleware

Broadband



- Web page
- SCADA Software
- Proprietary Software