

# New M210EA Input/ Output Wired Modules

October 2022



The System Sensor M200 wired range of Input/ Output modules has been redesigned to address its microcontroller obsolescence and grant full backward-compatibility with legacy systems. The M210EA-CZ and M210EA-CZR are the latest edition to this range.

The new modules' certifications are below:

- CPR – Intertek: has issued the certificate on 18/10/2022
- VdS: we expect to receive the certificates by the end of 2022
- BOSEC: we expect to receive the certificates by the end of Q1-2023

Thus, we kindly ask you to place your orders using the new part numbers (see chart below) starting from 02/11/2022, after which we will not be able to deliver any old item any more.

As soon as we get the certifications from BOSEC and VdS we will inform you.

Description	Old Part No.	New Part No.
CONVENTIONAL ZONE MONITOR MODULE - CAPACITOR - SYSTEM SENSOR	M210E-CZ	M210EA-CZ
CONVENTIONAL ZONE MONITOR MODULE - CAPACITOR - NOTIFIER	M710-CZ	M710E-CZ
CONVENTIONAL ZONE MONITOR MODULE - CAPACITOR - HONEYWELL	TC841E1019	TC841E1019A
CONVENTIONAL ZONE MONITOR MODULE - CAPACITOR - MORLEY IAS	MI-DCZM	MI-DCZME
CONVENTIONAL ZONE MONITOR MODULE - RESISTOR - SYSTEM SENSOR	M210E-CZR	M210EA-CZR
CONVENTIONAL ZONE MONITOR MODULE - RESISTOR - NOTIFIER	M710-CZR	M710E-CZR
CONVENTIONAL ZONE MONITOR MODULE - RESISTOR - HONEYWELL	TC841E1019EIS	TC841E1019EISA
CONVENTIONAL ZONE MONITOR MODULE - RESISTOR - MORLEY IAS	MI-DCZRM	MI-DCZRME

## Description

The EN54-17 and EN54-18 approved Wired Input Conventional Modules allow interfacing of conventional detectors to System Sensor analogue addressable systems.

The conventional zone can be powered from the analogue communication line or from an external power supply. Where the conventional zone is powered from an external power supply, the communication line is fully isolated from the conventional zone and from the power supply.

The new modules feature some significant improvement versus old version:

- Integrated DIN rails bracket with new design for increased mechanical strength
- Lower stand-by current

## Other Features and Benefits

- M210EA-CZ single input conventional zone module (EOL capacitor)
- M210EA-CZR single input conventional zone module (EOL resistor)
- Connection of a zone of IS (Intrinsically Safe) conventional detectors to intelligent systems (only CZR)
- Connection of a zone of conventional detectors to intelligent systems (CZ and CZR)
- Full backward compatibility
- Built-in short circuit isolators
- Monitors open circuit and short circuit faults
- CLIP and advanced protocol
- Addressability through rotary switches
- Tri-colour light pipes
- Remote reset of conventional zone
- Zone powered from comms line or 24V PSU
- Compatible with:
  - IS conventional detectors (only CZR)
  - 100, 400 and EC series detectors
  - S300/ECO1000 detectors
  - 6500RE and 6500RSE optical beam detectors
- External fault input
- IP module rate: IP30

Prices are available through your normal channels.

Please amend your ordering systems accordingly. Certification and manual documentation is available as usual on System Sensor Europe website ([www.systemsensoreurope.com](http://www.systemsensoreurope.com)).