

# CONVENTIONAL FIRE DETECTION CONTROL UNIT 4 ZONES MOD. TA1004

DESCRIPTION	PRICE PER UNIT	TOTAL PRICE
<p><b>Conventional fire detection control unit 4 zones brand EL.MO. mod. TA1004.</b>            TA1004 is a control unit of the Tacòra series with 4 conventional zones configurable as: input for conventional low consumption sensors with 4K7 ohm balancing resistance, open collector output, input with pull-up for connection to a device with open-collector output, balanced input, 4 – 20mA input. In addition to the two conventional zones, TA1004 manage MCP additional line for absorption call points with 4K7 Ohm balancing resistance.            TA1004 is equipped with 1 balanced supervision output for alarm (REL.ALL.), 1 NO/C/NC RELAY output for fault signaling (FAULT), 1 NO/C/NC RELAY output for pre-alarm signaling (PREALL.), 2 configurable NO/C/NC RELAY outputs (AUX1 and AUX2), 1 DC24V output for users (OUT +24V), 1 resettable DC24V output for users (+24V RES.).            TA1004 offers several interface. It is in fact arranged for the connection of the following optional modules: GSM MDGSME or 4G MD4GE modules, TAREL24 board with 4 programmable relay outputs, LAN MDLAN board for Ethernet connection and the EXTING extinguishing module with 1 zone.            The handy external graphic display shows at any time the status of the control unit and, in case of fault or error, the display changes colour to view the control unit status. The buttons and the signaling LEDs on the front allows an easy reader and a fast operation to control or revise the control unit status. In addition, there is an internal buzzer for the acoustic signaling of alarm, pre-alarm and fault. It is possible to connect through RS485 serial line up to 2 TAREPEATER optional repeaters panels that allow to perform the operations by keyboard and to view in real time the messages and the status of the control unit.            TA1004 is certified CPR 305/2011 EN 54-2, EN 54-4, EN54-13, EN 54-21 (with 4G and LAN optional modules), EN 12094-1 (with extinguished module mod. EXTING).</p> <p><b>TA1004 technical specifications:</b></p> <ul style="list-style-type: none"> <li>- Conventional zones: 4 conventional zones configurable as:               <ul style="list-style-type: none"> <li>• Inputs for absorption conventional sensors with 4K7 Ohm balancing resistance</li> <li>• Open collector output</li> <li>• Input with pull-up for connection to the device with open-collector output.</li> <li>• Balanced input</li> <li>• 4 – 20 mA input</li> </ul> </li> <li>- Call point zone: 1 zone for absorption call points with 4K7 Ohm balancing resistance</li> <li>- Outputs:               <ul style="list-style-type: none"> <li>• 1 supervised balanced output for alarm protected by PTC,</li> <li>• 1 RELAY NO/C/NC output for fault signaling,</li> <li>• 1 RELAY NO/C/NC output for pre-alarm signaling,</li> <li>• 2 configurable RELAY NO/C/NC outputs,</li> <li>• 1 DC24V output for users, protected by PTC,</li> <li>• 1 resettable DC24V output for users protected by PTC,</li> <li>• 4 optional relay outputs with TAREL24 module,</li> <li>• 1 RS485 for the connection up to 2 TAREPEATER.</li> </ul> </li> <li>- USB: 1 USB connector</li> <li>- Connectors for optional modules:               <ul style="list-style-type: none"> <li>• MDGSME GSM module for sending alarm / control panel status reports via SMS and interfacing to the e-Connect platform</li> <li>• MD4GE for sending alarm / control panel status reports via SMS, interfacing to the e-Connect platform and connecting to surveillance institutes via SIA IP Reporting protocol (TCP-2007) (in combination with MDLAN)</li> </ul> </li> </ul>		

- TAREL24 board with 4 programmable relay outputs
- LAN MDLAN board for the Ethernet connection
- EXTING extinguishing module 1 zone

- User interface: Multi-colour backlit graphic display, keyboard and signaling LED.

- Events memory: storage up to 2000 events

- Functions:

- Automatic change of the backlight display colour depending on the control unit status
- Evacuation
- Acoustic device silencing
- Control unit restore
- Day/night mode,
- Zones, devices and modules exclusion
- Functional test on control unit, inputs and outputs
- Time slot configuration and personalization
- Extinguishing with EXTING module (optional)

- Protection class: IP30

- Power supply unit: Internal mod. AL75LRS29V0 (75 W) supplied

- Battery: Batteries placed internally 2x12V/7Ah (optional). Power supply system with battery charge control and charge unbalance NTC1 and NTC2 optional batteries temperature control

- Operating temperature: -5°/+40° 93% UR

- Dimensions/weight: L320 x H304 x P83mm 4Kg.

- Power consumption: 40mA idle state

- Power supply: AC230V

- Certifications: CPR 305/2011 EN 54-2, EN 54-4, EN54-13, EN 54-21 (with 4G and LAN optional modules), EN 12094-1 (with extinguished module mod. EXTING).

**Quantity:**