



LCD display alarm modules - modular version

IDENTIFICATION

- ▶ LCD display alarm modules - modular version
- ▶ Facility to interconnect multiple identical modules in master / slave configuration by means of a single twisted pair
- ▶ Availability of 16 digital inputs (ON-OFF) for minimum and maximum pressure alarms signalling
- ▶ Transfer of total relay-controlled alarm log (dry contact)
- ▶ Integrated protection fuse
- ▶ Visual alarms signalling by means of high luminosity flashing red LEDs
- ▶ Automatically resettable audible alarm signal
- ▶ Green power-ON LED
- ▶ Alarm supervision via MODBUS-RTU protocol
- ▶ Menu-based management
- ▶ Programming with buttons or PC via RS 232 link
- ▶ Microprocessor control system



CE MARKING

Notified body: CE 0476

Risk class II B CE marking as prescribed Legislative Decree n. 46 of 24 February 1997 "Implementation of Directive 93/42/EEC concerning medical devices" and further modifications
CE marking in compliance with EMC Directive 108/2004/EC

REFERENCE STANDARD

ISO 7396-1: "Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum"

EN 60601-1: "Medical electrical equipment – General requirements for basic safety and essential performance"

EN 60601-1-2: "Medical electrical equipment - Electromagnetic compatibility"

EN 60601-1-8: "Alarm systems in medical electrical equipment"

* Validity of the standards is referred to the current year

- ▶ Gases: Vacuum, Oxygen, Medical Air, Nitrous Oxide, Carbon Dioxide, Instrument Air, Air for AGSS
- ▶ Storage temperature: -20 °C ÷ +60 °C
- ▶ Working temperature: +10 °C ÷ +40 °C
- ▶ Relay 500 mA max 24 V
- ▶ Master/Slave connection via bus RS 485
- ▶ Power supply:
cod. **AQ-2512-0000:**
230 V AC - 50 Hz - 4 VA
100 mA integrated protection fuse
cod. **AQ-2512-0001:**
24 V AC - 50 Hz - 4 VA
1A integrated protection fuse
- ▶ Subject to Directive 2012/19/EU 

LCD DISPLAY ALARM MODULE

CODE	DESCRIPTION	PACKAGING
AQ-2512-0001	16-input LCD display alarm module, 24V power supply	16,5 x 11,5 x 8,8cm 0,42Kg
AQ-2512-0000	16-input LCD display alarm module, 230 V power supply	16,5 x 11,5 x 8,8cm 0,42Kg

ALARM MODULE BOXES

CODE	DESCRIPTION	PACKAGING
AQ-2100-1000	IP 40 flush mount box with plexiglas door for 6-position DIN 43380 rail	20 x 17 x 10cm 0,42 Kg
AQ-2100-2000	IP 65 surface mount box with plexiglas door for 6-position DIN 43380 rail	21 x 20 x 10,5 cm 0,68 Kg

