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ITALCERT

LCD display alarm module - panel-mounting version

IDENTIFICATION

► Backlight blue LCD display alarm module

► 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 and 6 inputs for valves status 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

► Audible alarm mute and test buttons

► Green power-ON LED

► Alarm supervision via MODBUS-RTU protocol

► Menu-based management

► Programming with buttons or PC via RS 232 link

► Predefined alarm messages retrievable from programming menu

► Panel version for wall-embedded cabinet or for installation directly on specific rack

► 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 tempertaure: - 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: 24 V AC - 50 Hz - 4 VA

► 1A integrated protection fuse

► Dimensions with recessed box: (cod. **AQ-2100-0000**): 16.5 x 12 x 7.5 cm

► Subject to Directive 2012/19/UE

LCD DISPLAY ALARM - PANEL MOUNTING

CODE	DESCRIPTION	PACKAGING
AQ-2505-G001	LCD display alarm module -panel- mounting version for clinical alarms and valve status monitoring	21.5 x 13 x 11 cm 1.01 Kg

ACCESSORIES

CODE	DESCRIPTION	PACKAGING
AQ-2100-0000	Recessed box for alarm module	bag , 0.12 kg