Made in Italy

md ®
www.md-srl.it

Digit LED display alarm module

IDENTIFICATION

► Alarm module for digital display of one 4-20 mA analog input on a digit led display

► Configuration of High and low alarm threshold with rated residual operating current and time delay relay

► Indication of disconneted or malfunctioning sensor Report

► Relay output for each alarm threshold

► Integrated BUS RS485

► Red LEDs for emergency alarms display

► Automatically resettable audible alarm signal

► Audible alarm mute and test buttons

► Green power-ON LED

► Configuration menu

► 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

► Compressed gases
► 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
► No. 5 ON/OFF digital inputs
► No. 1 Input 4-20 mA
► Power supply:
  cod. **AQ-251D-H001**:
  230 V AC - 50 Hz - 4 VA
  100 mA integrated protection fuse
  cod. **AQ-251D-H002**:
  24V AC - 50 Hz - 4 VA
  1A integrated protection fuse
► Max alarm output: 24 V 20 mA
► 4-unit modular enclosure for DIN 43380 rail
► Subject to Directive 2012/19/EU

CODE	DESCRIPTION	PACKAGING
AQ-251D-H001	Alarm module for digital display of one 4-20 mA analog input on a digit led display 230 V power supply	16.5 x 11 x 9 cm 0.36 Kg
AQ-251D-H002	Alarm module for digital display of one 4-20 mA analog input on a digit led display 24 V power supply	16.5 x 11 x 9 cm 0.36 Kg