



# Manifold system alarm modules with LED display

## IDENTIFICATION

- ▶ LED display of alarm signals generated by decompression manifold systems
- ▶ 5 ON/OFF digital inlets: left manifold empty, right manifold empty, emergency manifold empty, low line pressure, high line pressure
- ▶ 1 Namur sensor inlet: display of working source signal
- ▶ RS 485 interface for connection to alarm supervision systems
- ▶ Facility to interconnect multiple identical modules in MASTER/SLAVE configuration by means of a twisted pair
- ▶ High luminosity visual alarm signals
- ▶ Automatically resettable sound alarm signals
- ▶ Audible alarm mute button and test button
- ▶ Green power-ON LED
- ▶ Cumulative alarm signals relay (dry contact)
- ▶ Alarm supervision via MODBUS-RTU protocol
- ▶ Microprocessor control system



## CE MARKING

Notified body: CE 0476

Risk class II B CE marking as prescribed by 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

- ▶ Power supply V=24 V AC 50 Hz 4 VA
- ▶ Cabinet protection rating: IP56
- ▶ Display of working manifold signal
- ▶ Integrated protection fuse
- ▶ Relay 500 mA max 24 V
- ▶ Subject to Directive 2012/19/UE

CODE	DESCRIPTION	PACKAGING		
		type	cm	kg
AQ-2521-0001	Manifold system master slave LED alarm IP 56 with pressure switches inputs	box	16 x 12 x 20	0.7

