Made in Italy

md®
www.md-srl.it

ITALCERT

Valve service status alarm

IDENTIFICATION

► LED alarm module for valves status signalling (open / closed)

► Facility to interconnect multiple identical modules in master / slave configuration by means of a single twisted pair

► Transfer of total relay-controlled alarm log (dry contact)

► Red and green LEDs for signalling valve status

► Visual alarm signalling by means of high luminosity LEDs

► Automatically resettable audible alarm signal

► Audible alarm mute and test buttons

► Green power-ON LED

► Alarm supervision via MODBUS-RTU protocol

► Available in 3 or 6 valve version

► Panel version for recessed 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
► Working temperature: +10 °C ÷ +40 °C
► Storage tempertaure: -20 °C ÷ +60 °C
► Power supply:
24 V AC - 50 Hz - 4 VA
► 1A Integrated protection fuse
► Relay 500 mA max 24 V
► Master / Slave connection via bus RS 485
► Subject to Directive 2012/19/UE

VALVE SERVICE STATUS ALARM (PANEL VERSION)

CODE	DESCRIPTION	GAS	PACKAGING
AQ-2507-3001	3-gas valve status service alarm	Oxygen, Vacuum, Medical Air	21.5 x 13 x 11 cm 0.81 Kg
AQ-2507-6001	6-gas valve status service alarm	Oxygen, Vacuum, Medical Air, Nitrous Oxide, Instrument Air, Carbon Dioxide	21.5 x 13 x 11 cm 0.81 Kg

ACCESSORIES

CODE	DESCRIPTION	PACKAGING
AQ-2100-0000	Flush mount box for valve service status alarm board	bag , 0.12 kg
PF-2500-2000	Wired proximity sensor for valve service status alarm board for medical gases (L=120 cm)	bag 0.03 kg
PF-2500-200V	Wired proximity sensor for valve service status alarm board for Vacuum (L=120 cm)	bag 0.04 kg