

HOSPITAL ALARM FOR MEDICAL GAS PLANT

ALARM UNIT FOR 4/20 MA ANALOG TRANSDUCERS

SDAM-MED A5 support the following functions:

- No.5 analog inputs for 4/20 mA analog transducers;
- Values in standard units, with associated ID and unit specification;
- Low and high alarm set-points for each inputs;
- Classification as information, medium priority or high priority alarm for each inputs;
- Display with 2 lines x 20 characters with LED backlight;
- Yellow and red alarm lights associated to medium and high priority alarm status;
- Alarm recovery time adjustable from 1 to 15 minutes;
- Auxiliary output switches for external cumulative alarm indicators or hooters;
- Proprietary network protocol SDAMNET;
- Programming by Windows software application SDAM Programming Tool;
- Optical and acoustic indications about alarm status in accordance with European standard ISO 7396-1 and EN 60601-1-8



Power supply	230 Vac 50/60 Hz., P max. 5 VA, fuse 0,5 A
Visual indications	Display 2 lines x 20 characters with backlight Medium priority alarm: LED Ø 5 mm, yellow High priority alarm: LED Ø 5 mm, high efficiency, red
Alarm sound	Piezoelectric speaker; volume adjustable up to 95 dB @ 1 meter
Inputs	No.5 inputs for transducers 4...20 mA on 2, 3 or 4 wires, power supply 20 Vdc (15 Vdc@20 mA)
Auxiliary output switch	V max. = 48 Vdc/Vac, I max. = 1 A, N.C. or N.O. operations
Housing	9 modules DIN rail (EN 60715) in accordance with DIN 43380, PVC, dim. 160x90x58 mm
Local network interface (option)	Proprietary protocol SDAMNET on insulated bidirectional RS485
Weight	560 gr.
Operating temperature	0...65°C
Reference standards and directives	DE 93/42/EC, DE 2004/108/EC, DE 2006/95/EC, EN 61000-6-1, EN 61000-6-3, EN60601-1 ISO 7396-1, EN 60601-1-8

ALARM UNIT FOR PRESSURE SWITCHES WITH 10 DIGITAL INPUTS

SDAM-MED D10 support the following functions :

- No.10 digital inputs for pressure switches and vacuum switches;
- Alarm and status indication with associated ID;
- Classification as information, medium priority or high priority alarm for each inputs;
- Display with 2 lines x 20 characters with LED backlight;
- Yellow and red alarm lights associated to medium and high priority alarm status;
- Alarm recovery time adjustable from 1 to 15 minutes;
- Auxiliary output switches for external cumulative alarm indicators or hooters;
- Proprietary SDAMNET network and protocol;
- Programming by Windows software application SDAM Programming Tool;
- Optical and acoustic indication about alarm status in accordance with European standard ISO 7396-1 and EN 60601-1-8.



Power supply	230 Vac 50/60 Hz., P max. 5 VA, fuse 0,5 A
Visual indications	Display with 2 lines x 20 characters, backlight Medium priority alarm: LED Ø 5 mm, yellow High priority alarm: LED Ø 5 mm, high efficiency, red
Alarm sound	Piezoelectric speaker; volume ad just up to 95 dB @ 1 meter
Inputs	No.10 self-powered digital inputs for switch sensors, photo-coupled, maximum current 15 mA for each input, supply voltage 20 Vdc
Auxiliary output switch	V max. = 48 Vdc/Vac, I max.= 1 A, N.C. or N.O. operations
Housing	9 modules DIN rail (EN 60715) in accordance with DIN 43380, PVC, dim. 160x90x58 mm
Local network interface (option)	Proprietary protocol SDAMNET on insulated bidirectional RS485
Weight	560 gr.
Operating temperature	0...65°C
Reference standards and directives	DE 93/42/EC, DE 2004/108/EC, DE 2006/95/EC, EN 61000-6-1, EN 61000-6-3, EN60601-1 ISO 7396-1, EN 60601-1-8