

SDAM-MED D10

- 10 digital inputs for on/off contacts for pressure switches and vacuum switches;
- Alarms and status monitoring with associated ID;
- Classification as Emergency or Operative alarm for each input;
- Display with 2 lines x 20 characters with LED backlight;
- Yellow and red alarm lights associated to Emergency or Operative alarm status;
- Acknowledge button for acoustic sound with alarm recovery function;
- Auxiliary output switches for external cumulative alarm indicators or hooters;
- Proprietary network protocol SDAMNet Plus or ModBus;
- 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

Typical applications:

- Monitoring of 2nd stage pressure regulator units in medical gases delivery systems
- Monitoring of 1st stage medical gas storages



Alarm unit for on/off contacts

HOSPITAL ALARMS

CE 0425

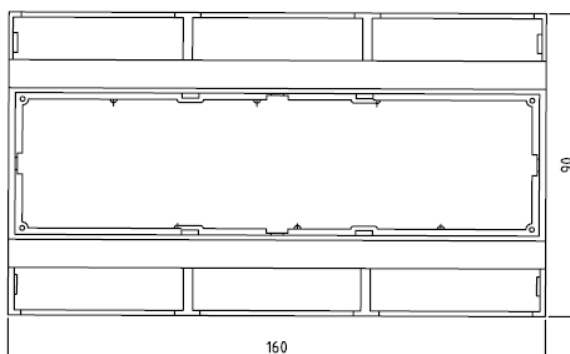
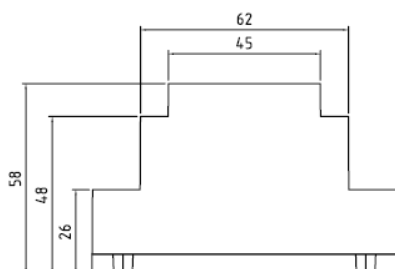
Compliant with 93/42/EEC
Medical Devices Directive - Class IIb

TECHNICAL SPECIFICATIONS

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 Operative alarm: LED Ø 5 mm, yellow Emergency alarm: LED Ø 5 mm, high efficiency, red
Alarm sound	Piezoelectric speaker, volume adjust up to 85 dB @ 1 m
Inputs	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. configuration by software
Power output	Low voltage for optional RF Module (LoRa radio)
Housing	Plastic 9 modules DIN rail (EN 60715) in accordance with DIN 43380, PVC, dim. 160x90x(h)58 mm, IP34
Local network interface	Isolated bidirectional RS485 protocol SDAMNet Plus or ModBus
Weight	560 g
Operating temperature	-10...50 °C
Reference standards and directives	93/42/EEC, 2014/30/EU EMC, 2014/35/EU LVD, EN60601-1, ISO 7396-1, EN 60601-1-8, EN61000-6-1, EN61000-6-3, RoHs 2011/65/EU





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DIMENSIONS



dimensions in mm

PRODUCT CODES

CODE	DESCRIPTION
0002-01-011	SDAM-MED D10: Alarm unit for 10 on/off contacts with RS485 local network interface protocol SDAMNet Plus/ SDAMNet  0425
0002-01-012	SDAM-MED D10: Alarm unit for 10 on/off contacts with RS485 local network interface protocol ModBus / SDAMNet Plus  0425
0002-01-X11	SDAM-MED D10: Alarm unit for 10 on/off contacts with RS485 local network interface protocol SDAMNet Plus/ SDAMNet – customized labeling –  0425
0002-01-X12	SDAM-MED D10: Alarm unit for 10 on/off contacts with RS485 local network interface protocol ModBus / SDAMNet Plus – customized labeling –  0425