



Description : Gas Detection Control Unit for measurement of flammable and/or toxic gases as well as oxygen. Graphic display. 3 alarm levels per channel. 24 freely programmable relays.

Features

- Number of Transmitters : 1 to 8 (4-20 mA/RS 485)
- Signal Evaluation : Microcontroller with A/D-Converter
- Alarm / Fault / Indication: :
 - illuminated graphic display (240 x 64) for indication of measured values, messages and alarms
 - 24 (3 x 8) red LED for alarm indication
 - LED for fault indication (yellow, channel: 8 x, control unit: 1 x), operation (8 x green) and Maintenance mode (1 x yellow)
- Alarm Levels : 3 freely adjustable alarm levels per channel, latching function configurable
- Relays :
 - 24 potential free change-over contacts 230 V / 5 A (total rated current: max. 10 A), freely configurable to alarm 1 to 3 and fault
 - 2 potential free change-over contacts 230 V / 5 A for maintenance mode and fault of control unit
- Additional Features :
 - RS 232/RS485-interface for communication to periphery (PC or PLC-system)
 - Service function (Maintenance mode)
 - Horn reset
 - Alarm reactivation
 - 4 digital inputs, potential free
- Operation Temperature : -10 °C to +40 °C

Mechanical Features

- Dimensions : 234 mm x 300 mm x 160 mm (Height x Width x Depth)
- Installation : Wall mounted housing
- Material : Housing ABS
- Enclosure Rating : IP 54
- Storage Temperature : -25 °C to +60 °C

Electrical Features

- Power Supply : 230 V (85...264 V AC, 47...440 Hz or 120...340 V DC)
- Power Consumption : Max. 0.2 A / 45 W
- Cable Gland :
 - 1 x M20 x 1.5 (diameter of cable 7-13 mm)
 - 15 x M16 x 1.5 (diameter of cable 5-10 mm)

Conformity

- EC-Directives : CE II (3)G
 94/9/EC (ATEX), 89/336/EEC (EMC), 73/23/EEC (LVD)
- Measuring Function : Designed according to
 - EN 61779-1 to EN 61779-4
 - EN 45544-1 to EN 45544-3
 - EN 50104

