

THE FINNISH SOLUTION FOR YOUR GAS DETECTION



SCAN20 Controllers

- Durable ABS enclosure
- Control logics
- Power supply for controller and for attached detectors
- SCAN22, for 2 channels
- SCAN24, for 4 channels
- 7 relay outputs



Applications

- Process industry
- Engine rooms
- Solvent stores
- Painting shops
- Breweries
- Ice Skating Rinks
- Swimming Halls

Benefits

- The controller is designed for the needs of the demanding industry and fulfils all industrial standards
- 2 current signal outputs for controlling industrial apparatuses as options
- Addressable alarms
- Inbuilt sound and light alarms
- Clear LCD display, all channels visible simultaneously
- Wireless remote alarm as option



Accessories



Reserve Power



GSM Modem



Sounder and Sounder/Strobe



Construction

Control Logics:	programmable embedded control logic designed for gas detection
Display:	20x4 marks backlit LCD display, indicators for alarm levels I, II and III and fault alarm
Input Unit:	SCAN22: 1-2 input(s), SCAN24: 1-4 input(s), current- ((0)4...20 mA) and voltage signals 0...5 V
Relay Unit:	7 relay outputs, relay contacts, 230 V AC 1,0 A for resistive load

Alarms

Alarms:	addressable alarm data for high and/or low concentrations from each channel is shown on the display, the last 48 alarm data are stored in the alarm history
Alarm Levels:	three alarm levels which can be programmed according to environmental demands and the customer's needs
Relay Actions in Alarm Situations:	normal: controlling function will be released when the gas concentration has recovered to normal acknowledged: controlling function will be released by acknowledging the alarm latched: controlling function can be released by acknowledging the alarm when the gas concentration has recovered to normal
Wireless Alarm Data:	alarm data as SMS message to a mobile phone (option)
Digital Output:	Modem/service

Environmental

Operating Temperature Range:	-10°C ... +45°C
Operating Humidity:	non-condensing 10...90 % RH
Operating Air Pressure:	normal air pressure

Electrical

Operating Voltage:	230 VAC tai 24 VDC
Cable Requirements:	power supply: MMJ 3x1,5 mm ² or equal detectors: JAMAK 2x(2+1)x0,5 mm ² or equal bus: UNITRONIC BUS LD 3x2x0,22 mm ² + armoured twisted-pair cable, or equal
Power Consumption:	50W (maximum load)

Enclosure

Assembly:	wall mounted
Material:	ABS-polymer
Colour:	light grey, as RAL 7035
Degree of Ingress Protection:	IP66
Dimensions:	259 mm x 237 mm x 97 mm (width x height x dept)
Weight:	1550 g

Standards

The software complies with the standard EN 50271:	Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen – Requirements and tests for apparatus using software and/or digital technologies:
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