



# DEGA UKA III 4/8

## GAS DETECTION CONTROL PANEL



- Up to 8 transmitters via RS485
- Produced in compliance with standard SIL
- Protection level IP 54



**ISO 9001:2015**  
Quality management Systems  
Système de Qualité  
www.sgs.com

# Gas detection control panel **DEGA UKA III 4/8**

The 3rd generation control panel is designed as an independent appliance to be mounted on the wall or in exchange stations. Up to 8 transmitters can be connected to the control panel via RS485. The control panel evaluates 4 levels of gas leakage detected by transmitters. One flood detection sensor DEGA Zc II and one temperature detection sensor DEGA Tc II can be connected to the control panel as well. The control panel indicates values of all transmitters via an LCD display. The control panel is equipped with 5 configurable relays, with output for visual and acoustic signalization components, output for impulse closure of emergency valves DEGA HV DNx; USB port and loop circuit 4/20mA to allow connection to control of secondary control systems (ventilation, air condition etc.). The basic configuration can be carried out via an LCD display. The central control panel has a 34 day long memory of alarm records.

## TECHNICAL SPECIFICATION:

Power supply	230 V AC/15 VA, or 24 V DC/0,6 A nominal
Functional protection standard	EN61508
Dimension without bushings	250x145x65 mm (WxHxD)
Weight	0,8 kg
Internal memory capacity	34 days
Record saving interval	60 s (adjustable range from 10s to 255 s)
Ambient temperature	-20 to +85 °C
Relative humidity	0-95 % RV
Cover protection level	IP 54
Operating environment	BE1 - environment without danger of explosion

## SYSTEM OF DETECTOR MARKING:

### DEGA UKA III 4

control panel for max. 4 transmitters

### DEGA UKA III 8

control panel for max. 8 transmitters

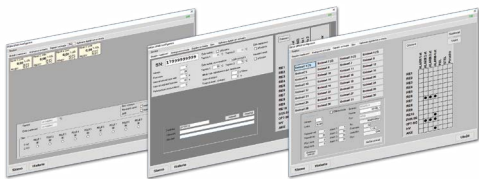
## OUTPUTS:

- 5x isolated switch 250V/10A
- 2x output for visual and acoustic signalization (max 24V 0,40A)
- 1x emergency valve DEGA HV DNx
- 1x 4-20mA for external regulator
- 1x USB (to allow configuration via PC)

## FUNCTIONS:

- 34 days alarm record history
- 4 levels of gas leakage, PEL, STEL
- Service mode
- Naming of positions of detectors for better orientation
- Output testing via "TEST MENU"

## SOFTWARE:



DEGA Config  
configuration and service software



DEGA VISIO III  
visualization software

## ACCESSORIES:



External box  
for accessories



External power  
supply for acoustic  
and visual  
signalization



Zener barrier for  
acoustic and visual  
signalization used  
in environment with  
danger of explosion



Interface  
Ethernet/RS485