



History



Input



GAS AND FLAME DETECTION
DETEKCE PLYNU A PLAMENE



DEGA UKA III 4/8

GAS DETECTION CONTROL PANEL

- Possibility to connect 4 to 8 transmitters
- Output max. 5 x changeover relay 250 V/10 A
(2 x default + 3 x Relay Module)
- 4 – step detection
- Alarm history up to 34 days



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



HRW Limited

admin@hrw.hk

www.hrw.hk

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

The third generation evaluation control panel is designed as a separate device designed for surface mounting. It is used to evaluate the signal from up to eight connected gas transmitters using RS485. It evaluates the gas concentration in four alarm levels. The status of all transmitters is indicated on the control panel by means of an LCD display. It is equipped with up to 5 pcs of freely configurable relays, an output for optical and acoustic signaling, a current loop for controlling devices with analog input, and a USB port for configuration.

TECHNICAL DETAILS:

Power voltage:	230 V AC/15 VA or 24 VDC/0.63 A nominal
Functional hazard:	EN61508
Dimensions without bushings:	250x145x65 mm (WxHxD)
Weight:	1,0 kg
Internal memory history capacity:	34 days
Memory storage interval:	60 s (adjustable range 10-255 s)
Ambient temperature:	-20 °C to +60 °C
Relative humidity:	0-90 % RV
Degree of protection with cover:	IP 54
Working environment:	BE1 - non-explosive environment

PRODUCT TYPES:

DEGA UKA III 4

Evaluation control panel for max. 4 transmitters

DEGA UKA III 8

Evaluation control panel for max. 8 transmitters

OUTPUTS:

- Max. 5 x changeover relay 250 V/10 A (2 x default + 3 x Relay Module)
- Output for sound and optical signaling (max. 24 V/0.40 A)
- 1 x 4-20 mA for master system (PLC)
- 1 x USB (for configuration via PC)

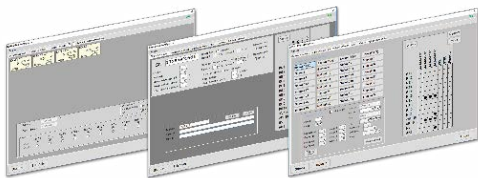
INPUT:

- RS485

FUNCTION:

- Alarm history 34 days back
- 4 degrees of gas leakage, PEL, STEL
- Service mode
- Possibility of naming transmitter positions
- Testing outputs using "TEST MENU"

SOFTWARE:



DEGA Config
configuration and service software

MODULES:



DEGA UKA III
Power
(Internal Power
Supply
230 V AC/15 VA)



DEGA UKA III Relay
Module
(Internal 3-relays,
250 V/10 A)



DEGA UKA III Memory
Module
(Internal memory with
battery)

ACCESSORIES:



External box for
accessories



Additional source



Zener barrier



UPS
(Battery Backup 12
Ah/24 Ah)



Cable Glades PG11
(10 pcs)



DEGA Configuration KIT
(Configuration software DEGA
Config with USB cable)