

Dräger RVP 5000 Visualization panel System Components

The Dräger RVP 5000 is a high resolution 8.4" touch panel for central visualization and data processing of gas concentrations from the Dräger REGARD central unit.



Benefits

Dräger RVP 5000

The Dräger RVP 5000 enables visualization of gas concentrations from a Dräger REGARD central unit with up to 99 channels and is ready for use following minimal configuration. The Dräger RVP 5000 is an extremely efficient and cost-effective solution for visualization and analysis and can be used as a communications interface to higher-level control systems.

Presentation

Gas concentrations can be displayed in the form of a table, individual bar graph or individual trend. All relevant data are recorded and displayed in detail online:

- gas name, gas type and measuring range
 - gas concentration
 - alarms
 - faults
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Display of alarm history and events

Alarms and events can be retrieved easily. A certified sequence-of-event (SoE) recorder allows synchronisation of time between the process control system and the panel to set a time stamp. This means that the processes and messages that occur during an event can be precisely analysed.

Data logger (optional)

The data logger can be used to record measured values, events and protocols of system changes over a period of 31 days for the purposes of documentation. For user convenience, data are output on a CompactFlash® card or via a USB port and can be further processed on another program, e.g. Microsoft® Excel.

Web interface (optional)

The web interface can be integrated into the local network and conveniently accessed via a web browser. Remote access functionality means that all functions of the Dräger RVP 5000 can be accessed, viewed and operated anywhere in the world via the Internet.

Network connection (optional)

To meet specific customer requirements, other interfaces to higher-level control systems and company networks can be integrated via, for example, Modbus. On request, several touch panels can be interlinked or the Dräger RVP 5000 connected to external systems.

System Components



D-6806-2016

Dräger REGARD® 7000

The Dräger REGARD® 7000 is a modular and therefore highly expandable analysis system for monitoring various gases and vapours. Suitable for gas warning systems with various levels of complexity and numbers of transmitters, the Dräger REGARD® 7000 also features exceptional reliability and efficiency. An additional benefit is the backward compatibility with the REGARD®.

Related Products



ST-8534-2007

Dräger RVP 2400 Visualization panel

Dräger RVP 2400 is a touch panel for central visualisation of gas concentrations from the Dräger REGARD 2400 and Dräger REGARD 2410 central processing units.



D-52750-2012

Dräger RVP 3900 Visualization panel

The Dräger RVP 3900 is a high resolution 8,4" Touchpanel for central visualisation and data processing of gas concentration from the central units: Dräger REGARD 3900 and Dräger REGARD 3910.

Technical Data

Hardware	Touch panel
Power supply	+ 24 V DC \pm 20 %; 24 watts max.
Display	8,4", 640 x 480 pixels
Interface	RS 485, 2 wire (max. transmission range 1200 m)
Ethernet	10 Base T/100 Base-TX
Card slot	CompactFlash up to 2 GB, Type I and Type II
Protection class	IP 66 from front
Ambient temperature (operation / storage)	0 to + 50 °C / - 20 to + 80 °C
Weight	Approx. 1910 g
Housing	Steel with aluminium front panel
Dimensions	262 mm x 208 mm x 56 mm (W x H x D)

Ordering Information

Dräger RVP 5000	SC 00 090
Dräger RVP 5000 data logger	SC 00 091
Dräger RVP 5000 WEB (incl. Datalogger)	SC 00 092
Dräger REGARD MODBUS gateway card	42 05 706

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