

Dräger QuadGard

The Dräger QuadGard is a standalone, self contained control system for the detection of Toxic, Oxygen and Ex hazards. The system can be configured for up to four independent gas detectors.



Transmitter input boards for 4 to 20 mA or mV signals can be installed within the same control system. With a robust IP 65 enclosure allowing installation in almost any location the Dräger QuadGard is a robust and flexible control system.

INPUT BOARDS

Each input board caters for one, two or three wire, 4 to 20 mA or mV transmitter. Each transmitter connects to dedicated field terminals. Up to a total of four input boards can be installed into a single Dräger QuadGard. Each individual input board is populated with three relays. These relays offer Fault, Alarm 1 and Alarm 2 outputs. The two alarm levels are fully

configurable and can be set as rising or falling and energise on alarm or normally energised. There are also several latching options available. Each board also has the facility to repeat a 4-20 mA or 0-20 mA signal proportional to the displayed gas concentration.

MASTER BOARD

Each Dräger QuadGard unit comes with a Master Board preinstalled. This board is populated with three alarm relays and a common fault. The alarm relays can be single, common or voted as required and are fully configurable. A remote reset input is also included.



2-928-95

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TECHNICAL DATA

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Control unit	Low profile wall mounting enclosure Local alphanumeric display Front panel membrane push buttons Front panel LED's Internal alarm
Ingress protection	IP 65 and NEMA 4
Power Supply	110 V/230 V AC, 50-60 Hz 5 W (100 W maximum) 24 V DC, 2A
Outputs (system)	MA 1, MA 2, MA 3 and common fault voted, common or single alarm configurations
Input modules	2/3 wire 4-20 mA transmitters 3 wire pellistor
Outputs (per input)	A1, A 2, A 3/fault alarm relays Repeat 4-20 mA
Approvals	EC, EMC EN50081-1 and 50082-2 UL, LVD EN 61010-1

ORDER INFORMATION

Dräger QuadGard IP 65	42 05 810
Dräger QuadGard NEMA 4 (UL)	42 05 808
Input module mA (CE)	42 05 916
Input module SE Ex (CE)	42 05 917
Input module mA (UL)	42 05 905
Input module SE Ex (UL)	42 05 906



HEADQUARTERS

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