

**Description** : Gas Detection Control Unit for measurement of flammable and/or toxic gases as well as oxygen. Graphic display. 3 alarm levels per channel. 24 freely configurable relays. 8 analogue outputs

### Features

- Number of Transmitters : 1 to 8
- Signal Evaluation : Microcontroller with A/D-Converter
- Alarm / Fault / Indication: :
  - illuminated graphic display (240 x 64) for indication of measured values, messages and alarms
  - 24 (3 x 8) red alarm LED
  - 8 yellow fault LED (channel)
  - 8 green operation LED
  - 1 yellow fault LED (central unit)
  - 1 yellow LED for indication of service mode
- Alarm Levels : 3 freely adjustable alarm levels per channel, latching function configurable
- Relays : 24 freely configurable potential free change-over contacts 230 V / 5 A (total rated current: max. 10 A)
- Additional Features :
  - Service function (service mode)
  - Horn reset
  - Alarm reactivation
  - 8 analogue outputs 4-20 mA / 0-5 V / 0-10 V
- Operation Temperature : -10 °C to +40 °C

### Mechanical Features

- Dimensions : 216 mm x 305 mm x 160 mm (Height x Width x Depth)
- Installation : 19"-Rack (5 HE x 60 TE)
- Storage Temperature : -25 °C to +60 °C

### Electrical Features

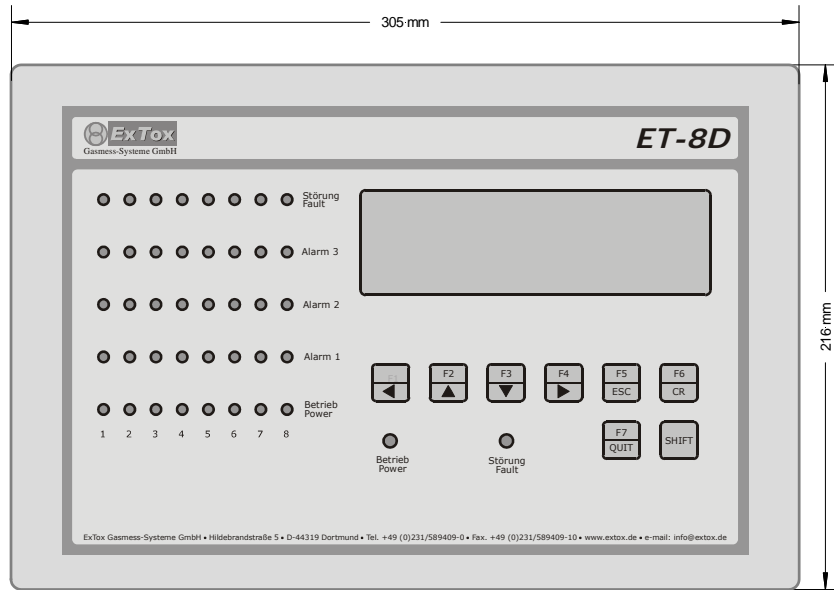
- Power Supply : 24 V DC
- Power Consumption : Max. 2 A / 45 W

### Conformity

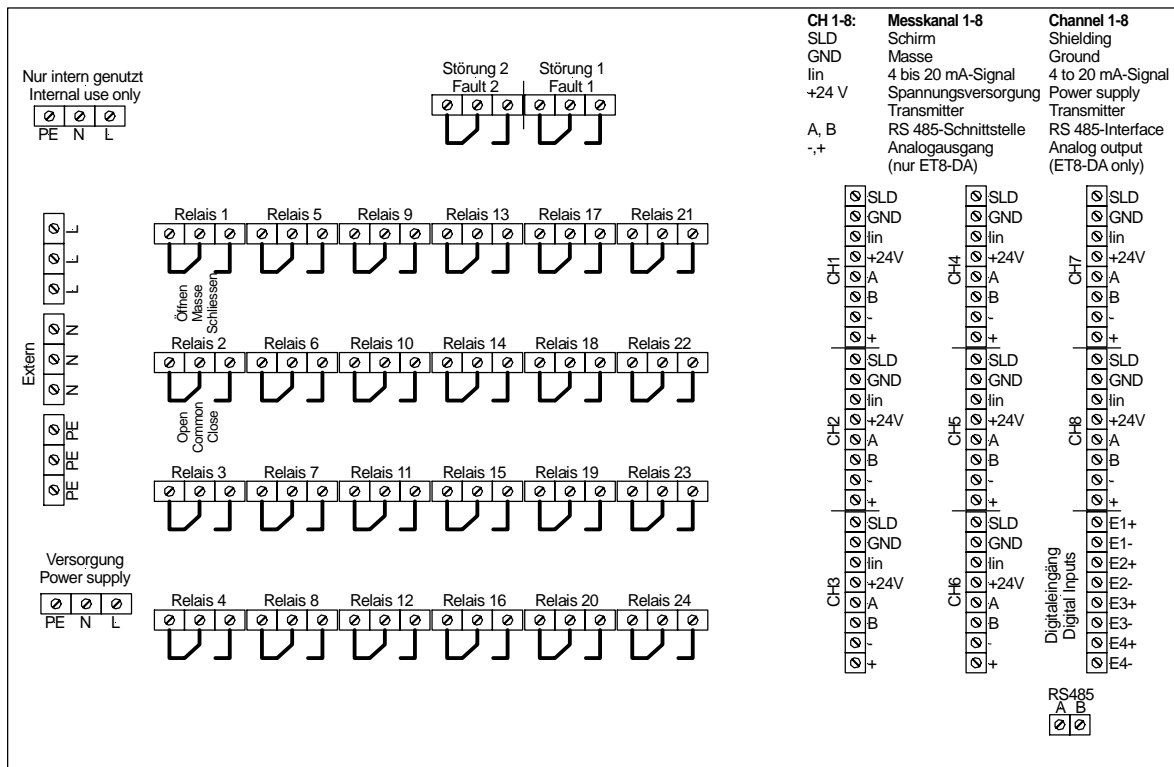
- EC-Directives : CE II (3)G  
 94/9/EC (ATEX), 89/336/EEC (EMC), 73/23/EEC (LVD)
- Measuring Function : Designed according to
  - EN 61779-1 to EN 61779-4
  - EN 45544-1 to EN 45544-3
  - EN 50104

**Gas Detection Control Unit ET-8DA**  
**for 19"-Rack Control Panel, 24 V DC**  
 Article-No.: 322005

Drawing



Connection Scheme



(Subject to technical changes)