



Switching amplifiers

EN2-2EX-3

ONLINE DATA SHEET
www.mysick.com

Model Name > [EN2-2EX-3](#)**Part No.** > [6041095](#)

- Marking: [EX] II (1) G [Ex ia Ga] IIC; [EX] II (1) D [Ex ia Da] IIIC; [Ex] II 3 (1) G Ex nA nC [ia Ga] IIC T4 Gc X
- Cable fault detection
- 3-way galvanic separation
- EN2-2EX-1:
 - Universal supply voltage
 - 24 ... 230 V AC/DC
 - 2 channels with invertible SPDT relay
- EN2-2EX-3:
 - 2 channels with invertible N/O relay
 - Installation permissible in zone 2

Technical data

| | |
|--|----------------------------|
| Switching outputs: | 2 NO relay (1 per channel) |
| No-load voltage:: | DC, 8 V |
| Inputs: | 2 |
| Ambient operation temperature, min ... max:: | -20 °C ... +60 °C |
| Housing material: | Plastic |
| Ambient storage temperature: | -40 °C 80 °C |
| EC Approval Certificate: | IBEX U10 ATEX 1022 |
| Output voltage U0 max.: | 9.6 V |
| Output current I0 max.: | 10 mA |
| Output power P0 max.: | 25 mW |
| Internal inductance Li max.: | Ca. ± 0 µH |
| Internal capacitance Ci max.: | 11 µF |

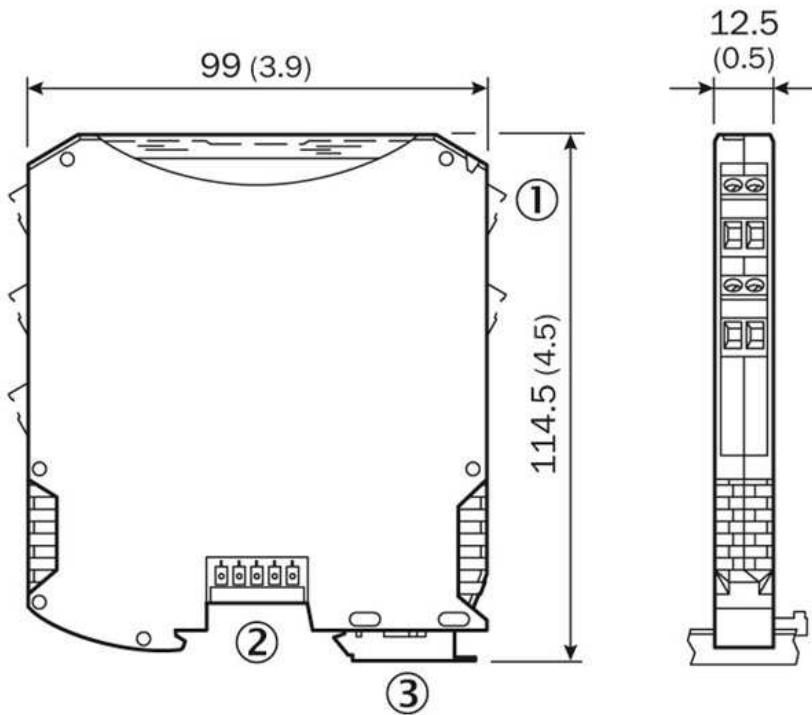
Electrical data

| | |
|-----------------|------------------|
| Supply voltage: | DC 19.2 ... 30 V |
|-----------------|------------------|

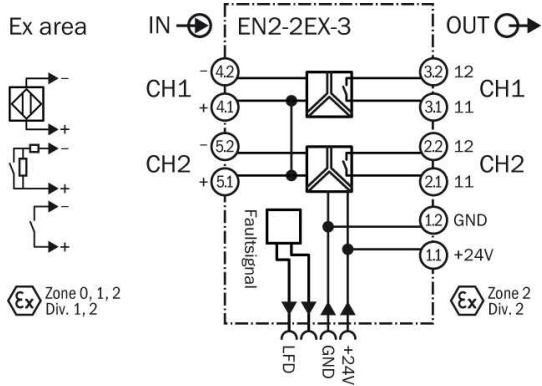
Ambient data

| | |
|-------------------|-------|
| Enclosure rating: | IP 20 |
|-------------------|-------|

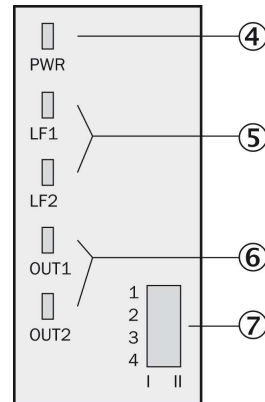
Dimensional drawing



Connection diagram



Adjustments



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