



## Model number

**KCD2-E3**

Sensor output interface terminal

## Features

- 1-channel terminal amplifier
- Input for NAMUR sensors
- DC 24 V supply voltage
- Standard interface for prevention of signal transmission errors
- Switching status indicator, yellow LED
- Short-circuit proof electronic output
- Low noise sensitivity
- Compact terminal housing
- Mounting by clipping onto standard 35 mm rail to DIN EN 50022
- Protection degree IP20

## Technical data

### Indicators/operating means

LED yellow switch output

### Electrical specifications

Operating voltage 10 ... 30 V DC

Operating current approx. 22 mA

Ripple  $\leq 10\%$

### Input

Connection terminals 1+, 2-

Connectable sensor types NAMUR

Pulse length/pulse interval  $\geq 0.5\text{ ms} / \geq 0.5\text{ ms}$

Short-circuit current approx. 8 mA

Sensor supply 8 V DC

Switching point 1.2 ... 2.1 mA hysteresis approx. 0.2 mA

Lead monitoring without

Trip value 1 kHz

### Output

Connection terminal 4+

Current 200 mA short-circuit proof

Transistor PNP

Signal level  $U_B - 1.1\text{ V}$

### Transfer characteristics

Mode of operation NC

Switching frequency 1 kHz

### Ambient conditions

Ambient temperature  $-25 \dots 70\text{ }^{\circ}\text{C}$  (248 ... 343 K)

Storage temperature  $-25 \dots 85\text{ }^{\circ}\text{C}$  (248 ... 358 K)

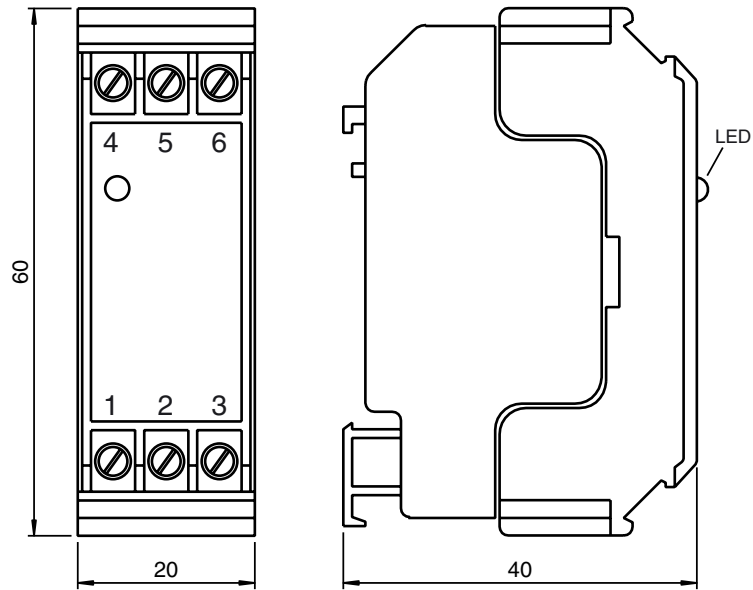
### Mechanical specifications

Connection self-opening apparatus connection terminals, max. core cross-section  $0.34 \dots 2.5\text{ mm}^2$

Mass 60 g

Dimensions 20x60x40 (in mm)

## Dimensions



## Electrical connection

