#### **Features**

- 1-channel isolated barrier
- 24 V DC supply (loop powered)
- Current limit 45 mA at 12 V DC
- Housing width 12.5 mm
- Up to SIL3 acc. to IEC 61508

#### **Function**

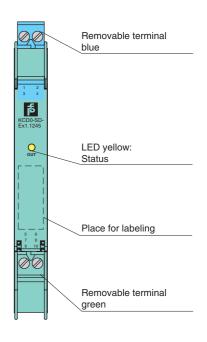
This isolated barrier is used for intrinsic safety applications. It supplies power to solenoids, LEDs, and audible alarms located in a hazardous area.

It is loop powered, so the available energy at the output is received from the input signal. The output signal has a resistive characteristic. As a result the output voltage and current are dependent on the load and the input voltage.

At full load, 12 V at 45 mA is available for the hazardous area application.

## **Assembly**

Front view

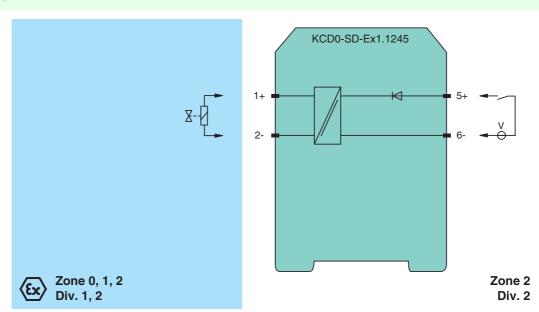


 $\epsilon$ 



SIL3

#### Connection



**General specifications** 

Signal type Supply Connection

Power loss

Rated voltage

Input Connection

Current

Digital Output

loop powered

terminals 5, 6

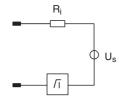
19 ... 30 V DC

< 1 W

 $U_n$ 

# **Output characteristics**

## **Output circuit diagram**



## **Output characteristic**

