- 2-channel isolated barrier
- 24 V DC supply (loop powered)
- Current limit 45 mA at 10 V DC
- Up to SIL 3 acc. to IEC 61508

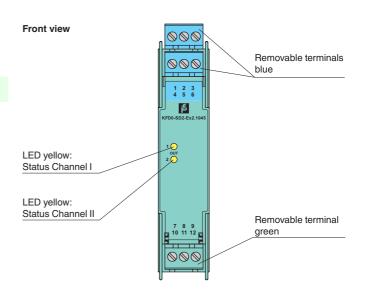
Function

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.

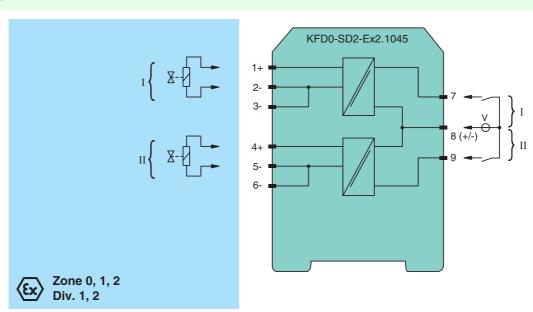
At full load, 10 V at 45 mA is available for the hazardous area application.

Assembly





Connection



Functional safety related parameters

Digital Output

SIL 3

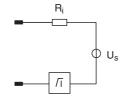
General specifications

Safety Integrity Level (SIL)

Signal type

Output characteristics

Output circuit diagram



Output characteristic

