

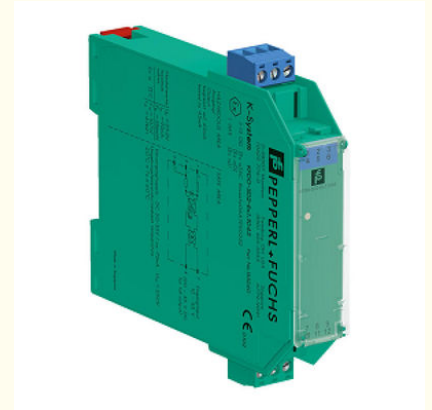
## KFD0-SD2-Ex1.1045 Solenoid Driver With Output Signal Energized/De-energized Delay Single Operation Typ. 1.7 Ms/50 Ms

Our Product Introduction

for more products please visit us on [achieversinstruments.com](http://achieversinstruments.com)

### Basic Information

- Place of Origin: Germany
- Brand Name: EATON
- Certification: ATEX
- Model Number: P+F-KFD0-SD2-Ex1.1045
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T,XT,ALIPAY
- Supply Ability: 100pcs per month

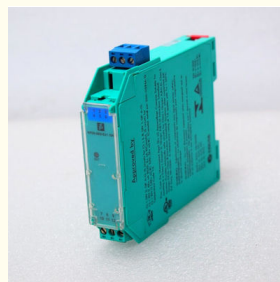
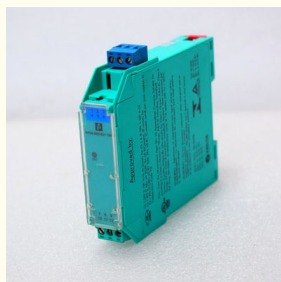


### Product Specification

- Current:  $\leq 45$  MA
- Voltage:  $\geq 10$  V
- Open Loop Voltage: Min. 22.7 V
- Output Rated Operating Current: 45 MA
- Output Signal: These Values Are Valid For The Rated Operating Voltage 20 ... 35 V DC.
- Energized/De-energized Delay: Single Operation: Typ. 1.7 Ms/50  $\mu$ s;  
Periodical: Typ. 5  $\mu$ s/50  $\mu$ s
- Highlight: KFD0-SD2-Ex1.1045 Solenoid Driver,  
KFD0-SD2-Ex1.1045



### More Images



## Product Description

### Solenoid Driver KFD0-SD2-Ex1.1045

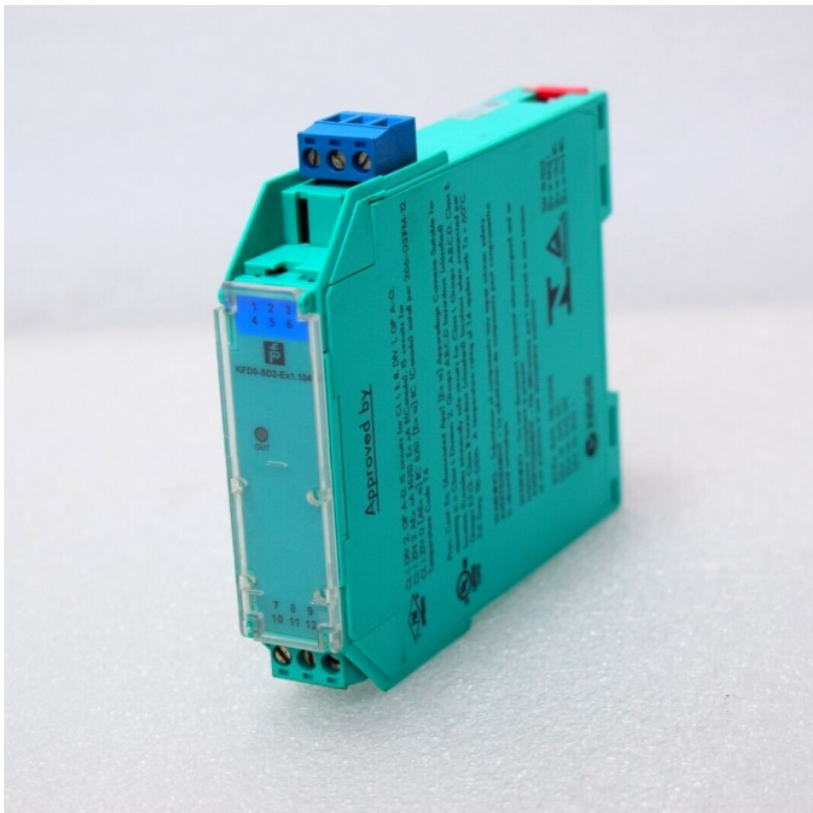
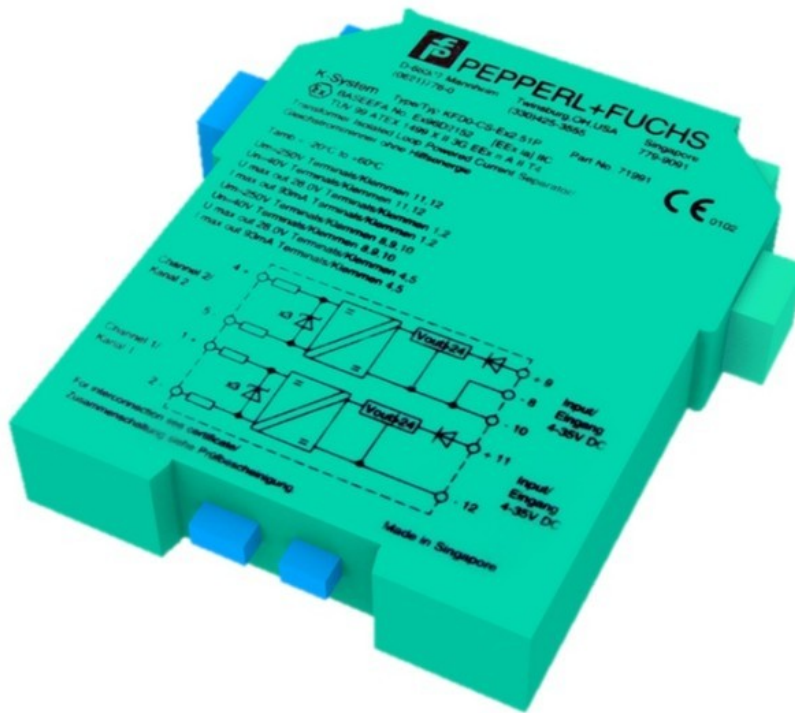


"Your automation, our passion"—Pepperl+Fuchs' company claim is also our promise to our customers: that we are committed and passionate about developing solutions and products that optimally support their automation challenges. A spirit of research, entrepreneurial vision, and a belief in their own abilities—in 1945, founding fathers Walter Pepperl and Ludwig Fuchs laid the foundations for a success story in a small radio workshop in Mannheim that continues to this day. A look at 80-year history of Pepperl+Fuchs reveals many milestones, including the invention of the inductive proximity sensor in 1958, which not only demonstrates the company's consistently high level of innovation. It also reflects a fundamental attitude that has been the most important pillar of this success story from the very beginning: working in partnership with our customers, working together as equals.

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

Signal type	Digital Output
Safety Integrity Level (SIL)	SIL 3
Rated voltage	20 ... 35 V DC , loop powered
Power dissipation	< 1.05 W ( $\leq 30$ V)
Connection side	control side

Connection	terminals 7, 8
Rated voltage	20 ... 35 V DC
Current	72 mA at 20 V input voltage, load = 220 $\Omega$ 50 mA at 35 V input voltage, load = 220 $\Omega$
Inrush current	$\leq 200$ mA after 100 $\mu$ s
Internal resistor	max. 282 $\Omega$



<https://www.achieversinstruments.com/> and Emerson Hand Communicator TREXCHPNAWS1S, rosemount 0068

**Achievers**

*Since Year 2012*

Achievers Automation Limited is a well-established player in the field of industrial automation, boasting a rich and extensive experience of more than **12 years**.

Over these years, the company has dedicated itself to dealing with a comprehensive and complete range of industrial automation components and instruments. With an unwavering commitment to excellence, the team at Achievers always goes the extra mile, striving their absolute best to provide top-notch quality goods and highly efficient, timely services to our esteemed and valued customers.

These customers hail from over 45 countries across the globe, spanning different continents and diverse industrial landscapes.



## FAQ of Achievers

### Q:Are preferential prices available?

A: We provide customers with competitive product prices and the biggest discounts through a long-term cooperative supply chain system.

### Q:Are the Products Genuine OEM Units?

A: These items have been certified by Achievers Automation Limited to be genuine OEM Units obtained through OEM or independent third-party channels.

### Q:How will you arrange shipment?

A: We can arrange shipment based on your request. We have cooperated forwarder who can arrange shipment via FedEx, DHL,TNT,UPS with good price.

### Q:What is the warranty of goods?

A: One-year Warranty.

### Q:Which are the best-selling products?

A: Many brands of products have been supplied to customers from all over the world for a long time. For example, MTL safety barrier MTL5541, Endress Hauser RS33 , P+F safety barrier KFD2-SR2-Ex2.W,Emerson Hand Communicator TREXCHPNAWS1S,xnx transmitter honeywell



**Achievers Automation Limited**

13828861501

joanna@achieversautomation.com

achieversinstruments.com

RM 509, 5/F, THE CLOUD, 111,TUNG CHAU STREET, TAI KOKTSUI, KOWLOON,HONG KONG