

PEPPERL FUCHS Solenoid Driver 1 Channel Isolated Barrier KFD0-SD2-Ex1.10100

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: PEPPERL FUCHS
- Model Number: KFD0-SD2-Ex1.10100
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Manufacturer: PEPPERL FUCHS
- Product No: KFD0-SD2-Ex1.10100
- Voltage: ≥ 9.5 V
- Open Loop Voltage: Min. 16.2 V
- Output Current: 100 MA
- Rated Voltage: 20 ... 35 V DC
- Power Dissipation: < 1.2 W ($U_i \leq 30$ V)
- Highlight: **PEPPERL FUCHS Solenoid Driver, Solenoid Driver 1 channel, KFD0-SD2-Ex1.10100**



More Images



Product Description

PEPPERL FUCHS Solenoid Driver KFD0-SD2-Ex1.10100 1-channel isolated barrier

General specifications

Signal type Digital Output

Functional safety related parameters

Safety Integrity Level (SIL) SIL 3

Supply

Rated voltage 20 ... 35 V DC, loop powered

Power dissipation < 1.2 W ($U_i \leq 30$ V)

Input

Connection side control side

Connection terminals 7, 8

Rated voltage 20 ... 35 V DC

Current 150 mA at 20 V input voltage, load = 100 Ω

100 mA at 35 V input voltage, load = 100 Ω

Output

Connection side field side

Connection terminals 1+, 2-

Internal resistor $\leq 68 \Omega$

Current ≥ 100 mA

Voltage ≥ 9.5 V

Open loop voltage min. 16.2 V

Output current 100 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 μ s; periodical: typ. 5 μ s/50 μ s

Indicators/settings

Display elements LED

Labeling space for labeling at the front

Directive conformity

Electromagnetic compatibility

Directive 2014/30/EU EN 61326-1:2013 (industrial locations)

Conformity

Electromagnetic compatibility NE 21:2006

Degree of protection IEC 60529:2001

Protection against electrical shock UL 61010-1:2004

Ambient conditions

Ambient temperature -20 ... 60 $^{\circ}$ C (-4 ... 140 $^{\circ}$ F)

Mechanical specifications

Degree of protection IP20

Connection screw terminals

Mass approx. 100 g

Dimensions 20 x 107 x 115 mm (0.8 x 4.2 x 4.5 inch) (W x H x D), housing type B1

Height 107 mm

Width 20 mm

Depth 115 mm

Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001





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