Solenoid drivers KFD2-VM-Ex1.32





- 1-channel
- · 2 logic inputs
- · Output EEx ib IIC
- 24 V DC nominal supply voltage
- · LED signalling of the switch state
- EMC acc. to NAMUR NE 21

Output 14 V

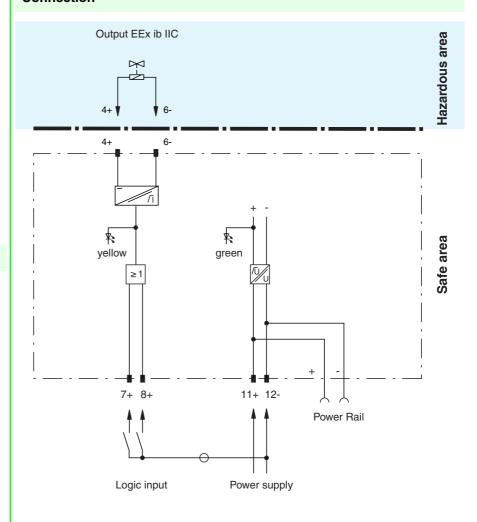
KFD2-VM-Ex1.32

Function

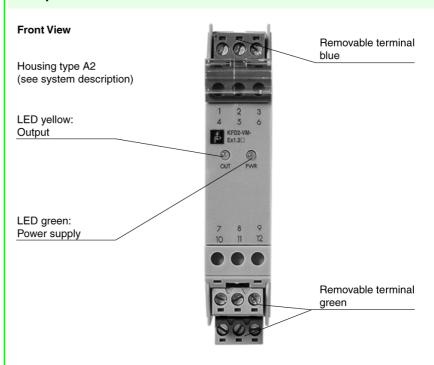
The logic control units have two logic inputs which are combined internally across an OR gate. The differences between the devices may be found in the technical data.

The output acts as a proportional supply in the range of open circuit to the curve angle point and is galvanically isolated from the input and the power supply per EN 50020.

Connection



Composition

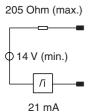


Technical data KFD2-VM-Ex1.32

Notes

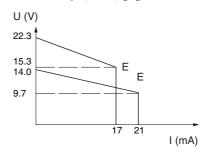
Output circuit diagramm

KFD2-VM-Ex1.32



Output characteristic for input voltage 20 V ... 30 V

E: Curve angle point (U_F, I_F)



Supplementary information

EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see www.pepperl-fuchs.com.

Accessories

Power Rail PR-03 Power Rail UPR-03

Power feed module KFD2-EB2...

Using Power Rail PR-03 or UPR-03 the devices are supplied with 24 V DC by means of the power feed modules. If no Power Rails are used, power supply of the individual devices is possible directly via their device terminals.

Each power feed module is used for fusing and monitoring groups with up to 100 individual devices. The Power Rail PR-03 is an inset component for the DIN rail. The Power Rail UPR-03 is a complete unit consisting of the electrical inset and an aluminium profile rail 35 mm x 15 mm x 2000 mm. To make electrical contact, the devices are simply engaged.

The Power Rail must not be fed via the device terminals of the individual devices!