



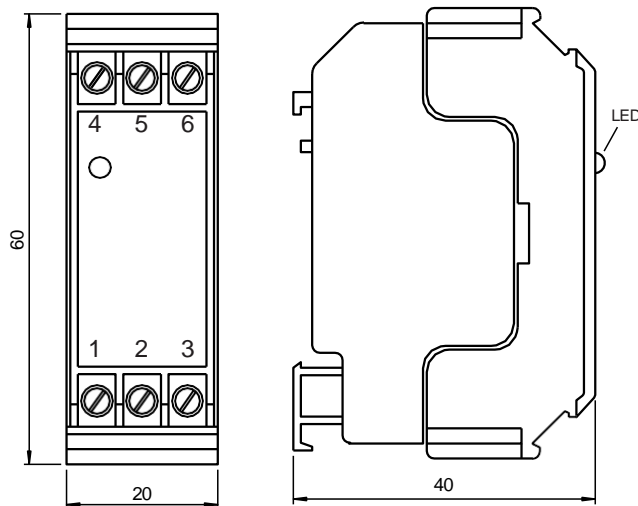
## Sensor output interface terminal KCD2-R

- Relay output with 1 pole, yellow LED indicates switching state
- Free-wheeling diode
- Compact terminal housing
- Clips onto standard 35 mm rail to DIN EN 50 022
- Degree of protection IP20

Sensor output interface terminals with relay output

CE

### Dimensions



### Technical Data

#### Functional safety related parameters

MTTF<sub>d</sub> 19699 a

#### Indicators/operating means

LED yellow switch output

#### Electrical specifications

Operating voltage U<sub>B</sub> 24 V DC ± 15 %

Ripple ≤ 10 %

Operating current I<sub>B</sub> 16 mA

#### Input

Pepperl+Fuchs Iran

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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## Technical Data

Connection	terminals 2+, 3-	
Connectable sensor types	PNP or NPN 3-wire sensors	
<b>Output</b>		
Switching frequency	f	≤ 10 Hz
Relay	1 changeover contact	
Contact loading	30 V DC/2 A resistive load	
Delay	Pull-in: approx. 6 ms Drop-out: approx. 2 ms	
Mechanical life	≥10 <sup>8</sup> switching cycles	
<b>Directive conformity</b>		
Electromagnetic compatibility		
Directive 2014/30/EU	EN 61326-1:2013	
<b>Standard conformity</b>		
Degree of protection	EN 60529:2000	
Noise immunity	EN 61326-1:2013	
<b>Ambient conditions</b>		
Ambient temperature	-25 ... 60 °C (-13 ... 140 °F)	
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)	
<b>Mechanical specifications</b>		
Degree of protection	IP20	
Connection	self-opening apparatus connection terminals, max. core cross-section 0.34 ... 2.5 mm <sup>2</sup>	
Mass	60 g	
Dimensions	20 mm x 60 mm x 40 mm	

## Connection

