

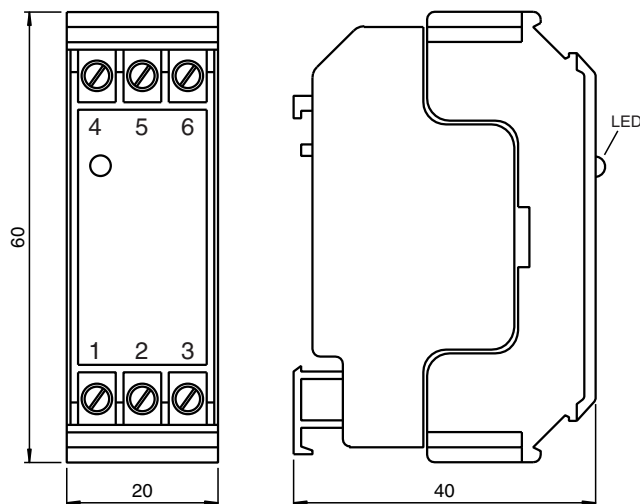
Sensor output interface terminal KCD2-R

- 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



Dimensions



Technical Data

Functional safety related parameters

MTTF _d	19699 a
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Indicators/operating means

LED yellow	switch output
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Electrical specifications

Operating voltage	U _B	24 V DC ± 15 %
Ripple		≤ 10 %
Operating current	I _B	16 mA

Input

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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	
Output		
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 ⁸ switching cycles	
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU	EN 61326-1:2013	
Standard conformity		
Degree of protection	EN 60529:2000	
Noise immunity	EN 61326-1:2013	
Ambient conditions		
Ambient temperature	-25 ... 60 °C (-13 ... 140 °F)	
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)	
Mechanical specifications		
Degree of protection	IP20	
Connection	self-opening apparatus connection terminals, max. core cross-section 0.34 ... 2.5 mm ²	
Mass	60 g	
Dimensions	20 mm x 60 mm x 40 mm	

Connection

