

## Technical data sheet

### Connector

Part no.: 50038538

KD 02-5-BA

#### Contents

- Technical data
- Electrical connection



For illustration purposes only



## Technical data

### Electrical data

#### Performance data

Operating voltage	Max. 60 V AC/DC
Rated operating current	4,000 mA

### Connection

#### Connection 1

Function	Voltage supply
Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	Metal
No. of pins	5 -pin
Encoding	B-coded
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

#### Connection 2

Type of connection	Screw terminal
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#### Cable properties

Wire cross section	0.75 mm <sup>2</sup>
AWG	22

### Mechanical data

Width across flats	18 mm
Cable hole	4 ... 6 mm
	5 ... 8 mm
	6 ... 8 mm
	6,5 ... 8,5 mm
	8 ... 9 mm

## Electrical connection

### Connection 1

Function	Voltage supply
Type of connection	Connector
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Type	Female
Handle body material	Metal
No. of pins	5 -pin
Encoding	B-coded
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### Connection 2

Type of connection	Screw terminal
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### Environmental data

Ambient temperature, operation	-40 ... 85 °C
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### Certifications

Degree of protection	IP 67
Certifications	c UL US

### Classification

Customs tariff number	85369010
ECLASS 5.1.4	27279201
ECLASS 8.0	27440102
ECLASS 9.0	27060311
ECLASS 10.0	27440102
ECLASS 11.0	27440102
ECLASS 12.0	27440116
ECLASS 13.0	27440116
ETIM 5.0	EC002635
ETIM 6.0	EC002635
ETIM 7.0	EC002635
ETIM 8.0	EC002635