



**Part no.: 50038538**  
**KD 02-5-BA**  
**Connector**



Figure can vary

## Contents

- Technical data
- Electrical connection

Part no.: 50038538 – KD 02-5-BA – Connector

## 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 with screw terminals
Thread size	M12
Type	Female
Handle body material	Metal
No. of pins	5 -pin
Encoding	B-coded
Design	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

#### 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

### 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
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

## Electrical connection

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