

Technical data sheet

Connector

Part no.: 50038537

KD 02-5-SA

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	Male
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
--------------------	----------------

Cable properties

Wire cross section	0.75 mm ²
AWG	18

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
--------------------------------	---------------

Certifications

Degree of protection	IP 67
Approvals	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
ECLASS 14.0	27440116
ECLASS 15.0	27440116
ETIM 5.0	EC002635
ETIM 6.0	EC002635
ETIM 7.0	EC002635
ETIM 8.0	EC002635
ETIM 9.0	EC002635
ETIM 10.0	EC002635

Electrical connection

Connection 1

Function	Voltage supply
Type of connection	Connector
Thread size	M12
Type	Male
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
--------------------	----------------