

Technical data sheet

Connector

Part no.: 50040098

KD 01-5-SA

Contents

- Technical data
- Electrical connection



For illustration purposes only



Technical data

Electrical data

Performance data

Rated operating current	4,000 mA
Rating voltage (DIN EN 60664-1)	60 V
Rated impulse voltage (DIN EN 60664-1)	1,500 V

Connection

Number of connections	1 Piece(s)
-----------------------	------------

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
Handle body material	Metal
No. of pins	5 -pin
Encoding	A-coded
Version	Axial
Lock	Screw fitting

Connection 2

Type of connection	Screw terminal
--------------------	----------------

Cable properties

Connection cross sections	1 x 0.75 mm ²
AWG	18
Shielded	Yes

Mechanical data

Width across flats	18 mm
Net weight	39 g
Mating cycles, max.	> 50
Max. cable hole	6 ... 8 mm

Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
Handle body material	Metal
No. of pins	5 -pin
Encoding	A-coded
Version	Axial
Lock	Screw fitting

Connection 2

Type of connection	Screw terminal
--------------------	----------------

Environmental data

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

Certifications

Degree of protection	IP 67
Approvals	UL

Classification

Customs tariff number	85369010
ECLASS 5.1.4	27279201
ECLASS 8.0	27440102
ECLASS 9.0	27069190
ECLASS 10.0	27440102
ECLASS 11.0	27440102
ECLASS 12.0	27440116
ECLASS 13.0	27440116
ECLASS 14.0	27440116
ECLASS 15.0	27440116
ECLASS 16.0	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