

Technical data sheet

Connector

Part no.: 50132254

D M12A-12P

Contents

- Technical data
- Electrical connection



For illustration purposes only

Technical data

Electrical data

Performance data

Rated operating current	1,000 mA
Rating voltage (DIN EN 60664-1)	30 V
Rated impulse voltage (DIN EN 60664-1)	800 V

Connection

Number of connections	1 Piece(s)
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Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
Handle body material	Plastic
No. of pins	12 -pin
Encoding	A-coded
Version	Axial

Connection 2

Type of connection	Solder connection
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Cable properties

AWG	24
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Mechanical data

Width across flats	18 mm
Net weight	20 g
Mating cycles, max.	> 50
Max. cable hole	6 ... 8 mm

Environmental data

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

Degree of protection	IP 67
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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

Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
Handle body material	Plastic
No. of pins	12 -pin
Encoding	A-coded
Version	Axial

Connection 2

Type of connection	Solder connection
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