

Technical data sheet

Connector

Part no.: 50144523

D S-M12-5W-M

Contents

- Technical data
- Electrical connection

Figure can vary



Technical data

Electrical data

Performance data

Operating voltage	60 V DC
Rated operating current	4,000 mA

Connection

Number of connections	1 Piece(s)
Shielded	Yes

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	Angled
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Cable properties

Connection cross sections	0.14 ... 0.75 mm ²
AWG	26 ... 18

Mechanical data

Width across flats	18 mm
Housing material	Metal
Metal housing	Diecast zinc, chemically nickel-plated
Max. cable hole	6 ... 8 mm

Environmental data

Ambient temperature, operation	-40 ... 85 °C
Degree of contamination	3, EN 60947-1

Certifications

Degree of protection	IP 67
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Classification

Customs tariff number	85444290
eCl@ss 5.1.4	27279201
eCl@ss 8.0	27440102
eCl@ss 9.0	27069190
eCl@ss 10.0	27440102
eCl@ss 11.0	27440102
ETIM 5.0	EC002635
ETIM 6.0	EC002635
ETIM 7.0	EC002635

Electrical connection

Connection 1

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Pin Pin assignment

1	V+
2	Signal 1
3	V-
4	Signal 2
5	FE

