

## Technical data sheet

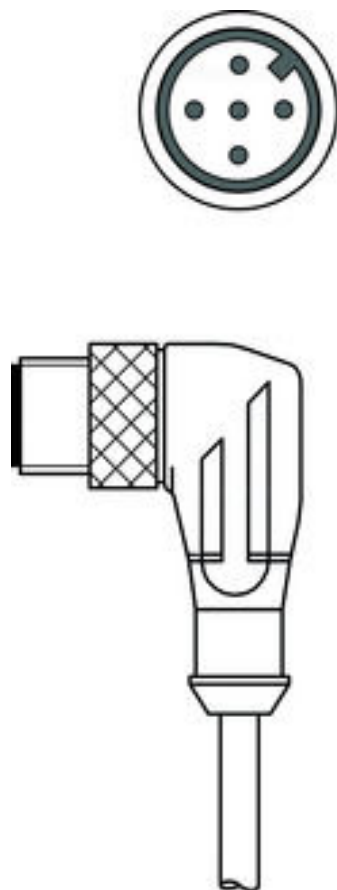
### Connector

Part no.: 50144523

D S-M12-5W-M

#### Contents

- Technical data
- Electrical connection



For illustration purposes only



## 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	Female
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

#### Connection 2

Type of connection	Screw terminal
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#### Cable properties

Connection cross sections	0.14 ... 0.75 mm <sup>2</sup>
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
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
ETIM 5.0	EC002635
ETIM 6.0	EC002635
ETIM 7.0	EC002635
ETIM 8.0	EC002635
ETIM 9.0	EC002635
ETIM 10.0	EC002635

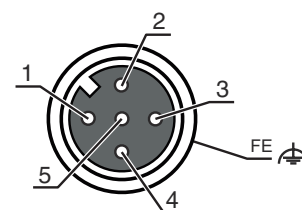
## Electrical connection

### Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
Handle body material	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

### Pin Pin assignment

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



## Electrical connection

### Connection 2

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Type of connection

Screw terminal