

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

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

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
ETIM 5.0	EC002635
ETIM 6.0	EC002635
ETIM 7.0	EC002635
ETIM 8.0	EC002635
ETIM 9.0	EC002635

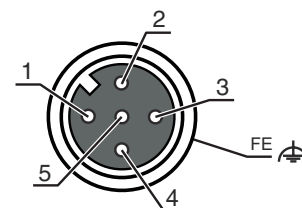
Electrical connection

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

Type of connection

Screw terminal