

Technical data sheet

Connector

Part no.: 50149062

D PL-M12-5A-K

Contents

- Technical data
- Electrical connection



For illustration purposes only



Technical data

Electrical data

Performance data

Operating voltage	63 V DC
Rated operating current	12 A at 1,5 mm ²
	16 A at 2,5 mm ²

Connection

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

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
Handle body material	Plastic
No. of pins	5 -pin
Encoding	L-coded
Version	Axial

Connection 2

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

Cable properties

Permissible conductor cross section	1.5 ... 2.5 mm ²
-------------------------------------	-----------------------------

Mechanical data

Design	Cylindrical
Dimension (Ø x L)	25 mm x 70 mm

Environmental data

Ambient temperature, operation	-40 ... 105 °C
--------------------------------	----------------

Certifications

Degree of protection	IP 67
----------------------	-------

Classification

Customs tariff number	85366990
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

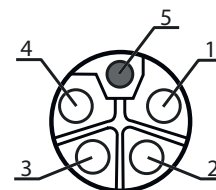
Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
Handle body material	Plastic
No. of pins	5 -pin
Encoding	L-coded
Version	Axial

Pin Pin assignment

1	VCC
2	GND
3	GND
4	VCC
5	FE/SHIELD



Connection 2

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