

Technical data sheet

Connector

Part no.: 50112155

S-M12A-ET

Contents

- Technical data
- Electrical connection



For illustration purposes only



Technical data

Basic data

Suitable for interface	Ethernet
------------------------	----------

Electrical data

Performance data

Overvoltage category	II
Rated operating current	4,000 mA
Rating voltage (DIN EN 60664-1)	250 V
Rated impulse voltage (DIN EN 60664-1)	2,500 V

Connection

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

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
Handle body material	Metal
No. of pins	4 -pin
Encoding	D-coded
Version	Axial
Lock	Screw fitting

Connection 2

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

Cable properties

Connection cross sections	1 x 0.75 mm ²
AWG	18
Shielded	Yes

Mechanical data

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	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
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	Male
Material	Metal
Handle body material	Metal
No. of pins	4 -pin
Encoding	D-coded
Version	Axial
Lock	Screw fitting

Connection 2

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