

**Part no.: 50142228**  
**KDS U-M12-5A-M12-5A-P1-000-24X**  
**Adapter**



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Part no.: 50142228 – KDS U-M12-5A-M12-5A-P1-000-24X – Adapter

## Technical data

### Electrical data

#### Performance data

Operating voltage	Max. 125 V AC/DC
Rated operating current	4,000 mA

### Connection

Number of connections	2 Piece(s)
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#### Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
No. of pins	5 -pin
Encoding	A-coded
Design	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

#### Connection 2

Type of connection	Connector
Thread size	M12
Type	Male
No. of pins	5 -pin
Encoding	A-coded
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

#### Cable properties

Cable, crossed	Connection 1, pin 2 <-> connection 2, pin 4
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### Mechanical data

Width across flats	13 mm
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### Environmental data

Ambient temperature, operation	-25 ... 85 °C
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### Certifications

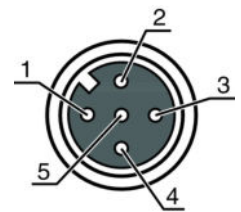
Degree of protection	IP 67
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### Classification

Customs tariff number	85444290
eCl@ss 8.0	27069190
eCl@ss 9.0	27069190
ETIM 5.0	EC001578
ETIM 6.0	EC001578

**Electrical connection**

Connection 1	
Type of connection	Connector
Function	Adapter
Thread size	M12
Type	Female
Material	Metal
No. of pins	5 -pin
Encoding	A-coded
Design	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking



Connection 2	
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	A-coded
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

**Circuit diagrams**

