



**Part no.: 548950**  
**KDS U-M12-4A-M12-4W-P1-020-24X**  
**Interconnection cable**

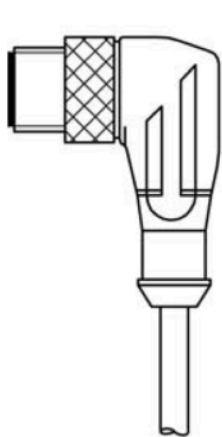


Figure can vary

## Contents

- Technical data
- Electrical connection
- Circuit diagrams

## Technical data

### Electrical data

#### Performance data

Operating voltage	Max. 250 V AC/DC
-------------------	------------------

### Connection

#### Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
Handle body color	Black
No. of pins	4 -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
Handle body material	PUR
Handle body color	Black
No. of pins	4 -pin
Encoding	A-coded
Design	Angled
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

#### Cable properties

Number of conductors	4 Piece(s)
Wire cross section	0.34 mm <sup>2</sup>
Sheathing color	Yellow
Shielded	No
Cable, crossed	Connection 1, pin 2 <-> connection 2, pin 4
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	6 mm
Cable length	2,000 mm
Sheathing material	PUR

### Mechanical data

Width across flats	13 mm
Bending radius, flexible laying, min.	Min. 10 x cable diameter
Bending radius, stationary laying, min.	Min. 5 x cable diameter

### Environmental data

Ambient temperature, operation, flexible use	-25 ... 80 °C
Ambient temperature, operation, stationary use	-40 ... 80 °C

### Certifications

**Part no.: 548950 – KDS U-M12-4A-M12-4W-P1-020-24X – Interconnection cable**

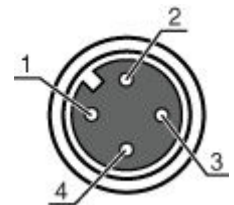
Degree of protection	IP 65 IP 67
Certifications	c UL UL

**Classification**

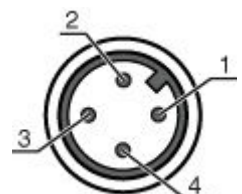
Customs tariff number	85444290
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

**Electrical connection**

Connection 1	
Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
Handle body color	Black
No. of pins	4 -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
Handle body material	PUR
Handle body color	Black
No. of pins	4 -pin
Encoding	A-coded
Design	Angled
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking



## Circuit diagrams

### Wiring schematic

