



Part no.: 50133847
KD U-M12-5W-V1-100-3DP
Connection cable

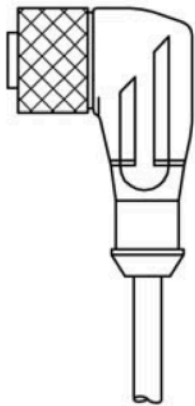


Figure can vary

Contents

- Technical data
- Electrical connection
- Accessories

Part no.: 50133847 – KD U-M12-5W-V1-100-3DP – Connection cable

Technical data

Basic data

Application Chemical resistant

Electrical data

Performance data

Operating voltage Max. 125 V AC/DC

Connection

Connection 1

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

Connection 2

Type of connection Open end

Cable properties

Number of conductors	5 Piece(s)
Wire cross section	0.34 mm ²
AWG	22
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	5.9 mm
Cable length	10,000 mm
Sheathing material	PVC
Wire insulation	PVC
Properties of the outer sheathing	Free of CFC, cadmium, silicone and lead, easily machine-processable
Resistance of the outer sheathing	Good oil, gasoline and chemical resistance, flame retardant in accordance with UL 1581 VW1 / CSA FT1

Mechanical data

Width across flats	13 mm
Bending cycles	2,000,000 Piece(s)
Bending radius, flexible laying, min.	Min. 10 x cable diameter
Bending radius, stationary laying, min.	Min. 5 x cable diameter

Operation and display

Number of LEDs 3 Piece(s)

Environmental data

Ambient temperature, operation, flexible use -5 ... 70 °C

Part no.: 50133847 – KD U-M12-5W-V1-100-3DP – Connection cable

Ambient temperature, operation, stationary use -30 ... 70 °C

Certifications

Degree of protection IP 65
IP 67

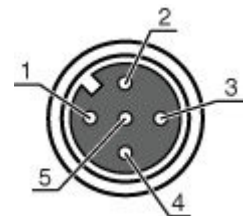
Classification

eCl@ss 8.0 27279218
eCl@ss 9.0 27060311
ETIM 5.0 EC001855

Electrical connection

Connection 1	
Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	A-coded
Design	Angled
Connector, LED	Yes
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking


Pin	Conductor color
1	Brown
2	White
3	Blue
4	Black
5	Gray



Connection 2	
Type of connection	Open end

Accessories

General

	Part no.	Designation	Article	Description
	50132266	TT-Set 0,6-13	Tool	Type: Torque key Width across flats: 13 mm Torque: 0.6 N·m Material: Plastic, Stainless steel Ambient temperature: -40 ... 120 °C