

Technical data sheet Interconnection cable

Part no.: 50130898

KDS U-M8-3A-M8-3A-V1-006

Contents

- Technical data
- Electrical connection



Figure can vary



Technical data

Connection

Connection 1

Type of connection	Connector
Thread size	M8
Type	Female
No. of pins	3 -pin
Design	Axial

Connection 2

Type of connection	Connector
Thread size	M8
Type	Male
No. of pins	3 -pin
Design	Axial

Cable properties

Number of conductors	3 Piece(s)
Wire cross section	0.25 mm ²
AWG	24
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	4.4 mm
Cable length	600 mm
Sheathing material	PVC
Wire insulation	PVC
Suitability for drag chains	No
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	9 mm
Net weight	22 g
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	-5 ... 80 °C
Ambient temperature, operation, stationary use	-30 ... 80 °C

Certifications

Degree of protection	IP 65
	IP 67
Certifications	c UL US

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	M8
Type	Female
No. of pins	3 -pin
Design	Axial

Connection 2

Type of connection	Connector
Thread size	M8
Type	Male
No. of pins	3 -pin
Design	Axial