



**Part no.: 50130900**  
**KDS U-M8-3A-M8-3A-V1-020**  
**Interconnection cable**



Figure can vary

## Contents

- Technical data
- Electrical connection

## Technical data

<b>Connection</b>	
<b>Connection 1</b>	
Type of connection	Connector
Thread size	M8
Type	Female
No. of pins	3 -pin
Design	Axial
<b>Connection 2</b>	
Type of connection	Connector
Thread size	M8
Type	Male
No. of pins	3 -pin
Design	Axial
<b>Cable properties</b>	
Number of conductors	3 Piece(s)
Wire cross section	0.25 mm <sup>2</sup>
AWG	24
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	4.4 mm
Cable length	2,000 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

<b>Mechanical data</b>	
Width across flats	9 mm
Bending radius, flexible laying, min.	Min. 10 x cable diameter
Bending radius, stationary laying, min.	Min. 5 x cable diameter

<b>Environmental data</b>	
Ambient temperature, operation, flexible use	-5 ... 80 °C
Ambient temperature, operation, stationary use	-30 ... 80 °C

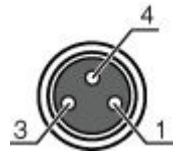
<b>Certifications</b>	
Degree of protection	IP 65 IP 67
Certifications	c UL US

<b>Classification</b>	
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
Encoding	
Design	Axial



Connection 2	
Type of connection	Connector
Thread size	M8
Type	Male
Handle body material	
No. of pins	3 -pin
Encoding	
Design	Axial
Lock	

