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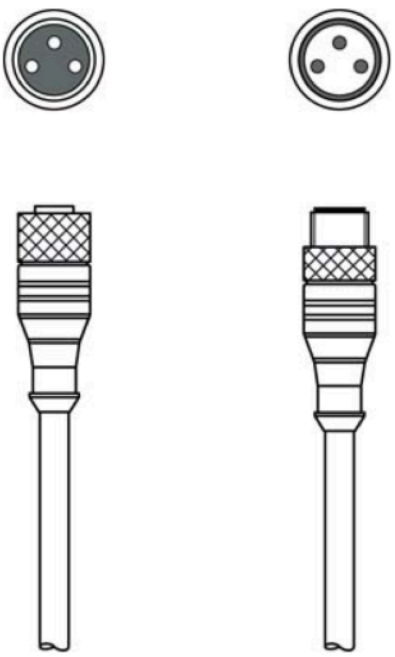


Figure can vary

Part no.: 50130902
KDS U-M8-3A-M8-3A-P1-006
Interconnection cable

IP 67 IP 65 c UL us LISTED

Contents

- Technical data
- Electrical connection

Part no.: 50130902 – KDS U-M8-3A-M8-3A-P1-006 – Interconnection cable

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 mm²
AWG	24
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	4.3 mm
Cable length	600 mm
Sheathing material	PUR
Wire insulation	PUR
Traverse rate	Max. 3.3 m/s with horiz. traverse path of 5m and and max. acceleration of 5m/s²
Suitability for drag chains	Yes
Properties of the outer sheathing	Free of CFC, cadmium, silicone, halogen and lead, matt, low-adhesion, abrasion-resistant, easily machine-processable
Resistance of the outer sheathing	Hydrolysis and microbe resistant, good oil, gasoline and chemical resistance in accordance with VDE 0472 part 803 test B, flame retardant in accordance with UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Torsion suitability	±180° / m (max. 2 mio. cycles with 35 cycles / min)

Mechanical data	
Width across flats	9 mm
Bending cycles	5,000,000 Piece(s)
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

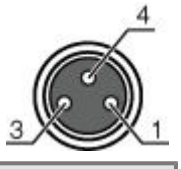
Certifications	
Degree of protection	IP 65 IP 67
Certifications	c UL US

Part no.: 50130902 – KDS U-M8-3A-M8-3A-P1-006 – Interconnection cable

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
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