SMART
SENSOR
BUSINESS

Leuze electronic

the sensor people

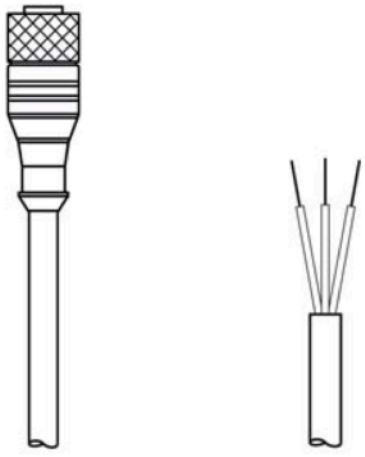


Figure can vary

Part no.: 50130883
KD U-M8-3A-V1-020-DP
Connection cable

Contents

- Technical data
- Electrical connection

Technical data

Electrical data	
Performance data	
Operating voltage	24 V DC ±25%

Connection	
Connection 1	
Type of connection	Connector
Thread size	M8
Type	Female
Handle body material	PUR
No. of pins	3 -pin
Design	Axial
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	3 Piece(s)
Wire cross section	0.25 mm²
AWG	24
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Connection cable (open on one end)
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

Mechanical data	
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

Operation and display	
Number of LEDs	1 Piece(s)

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

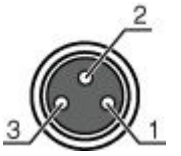
Certifications

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
Handle body material	PUR
No. of pins	3 -pin
Encoding	
Design	Axial
Connector, LED	Yes
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Pin	Conductor color
1	Brown
2	
3	Blue
4	Black



Connection 2	
Type of connection	Open end