Technical data sheet
Connection cable
Part no.: 50135242
KD PB-M12-4A-P3-020

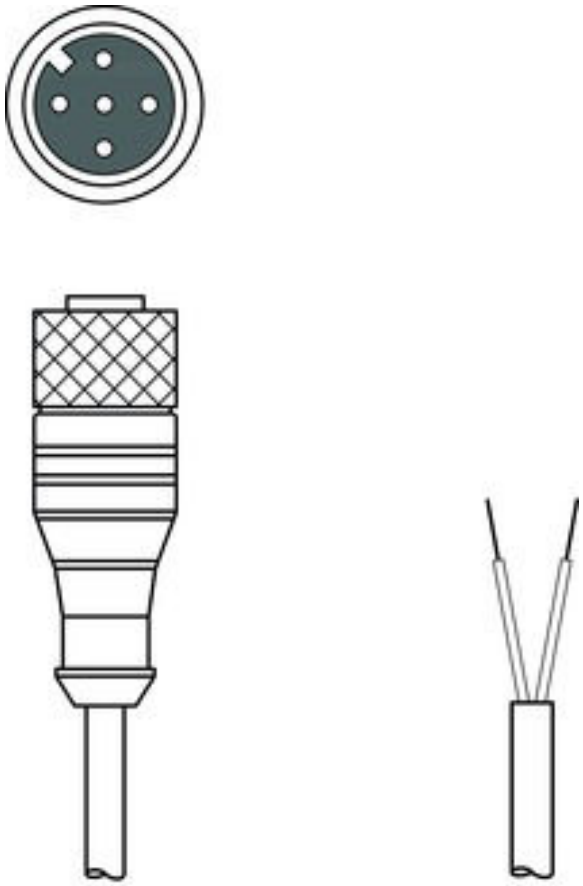


Figure can vary

Contents

- Technical data
- Electrical connection





Technical data

Basic data

Suitable for interface	PROFIBUS DP

Electrical data

Performance data

Operating voltage	60 V DC

Connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	B-coded
Design	Axial
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	2 Piece(s)
Wire cross section	0.64 mm²
AWG	19
Sheathing color	Violet
Shielded	Yes
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	7.7 mm
Cable length	2,000 mm
Sheathing material	PUR
Wire insulation	PE
Suitability for drag chains	Yes
Traverse rate	Max. 3.3 m/s with horiz. traverse path of 5m and and max. acceleration of 5m/s²
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

Mechanical data

Width across flats	13 mm
Bending cycles	5,000,000 Piece(s)
Bending radius, flexible laying, min.	Min. 12 x cable diameter
Bending radius, stationary laying, min.	Min. 7.5 x cable diameter

Environmental data

Ambient temperature, operation, flexible use	-20 ... 70 °C
Ambient temperature, operation, stationary use	-40 ... 80 °C

Certifications

Degree of protection	IP 65
	IP 67

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	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	B-coded
Design	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Electrical connection

Pin	Conductor color
1	n.c.
2	Green
3	n.c.
4	Red
5	n.c.



Connection 2

Type of connection	Open end