



Part no.: 50135243
KD PB-M12-4A-P3-050
Connection cable



Figure can vary

Contents

- Technical data
- Electrical connection

Part no.: 50135243 – KD PB-M12-4A-P3-050 – Connection cable

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 mm ²
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	5,000 mm
Sheathing material	PUR
Wire insulation	PE
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

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Certifications

Degree of protection	IP 65 IP 67
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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

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



Connection 2	
Type of connection	Open end