

Technical data sheet Interconnection cable

Part no.: 50123265

K-YPB M12A-5m-M12A-S-PUR

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- Electrical connection

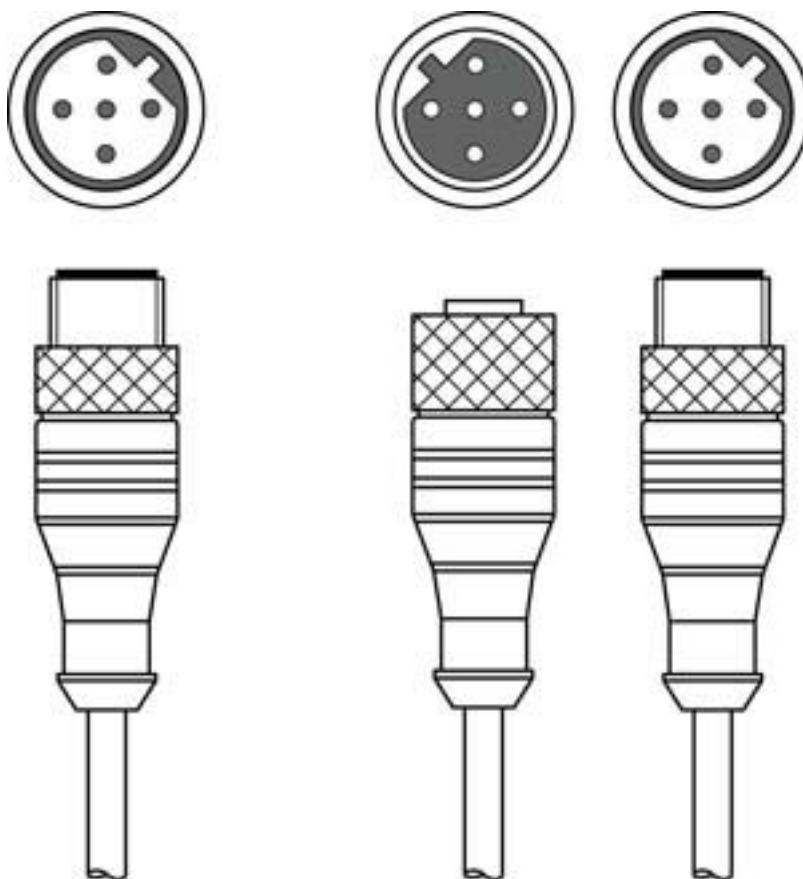


Figure can vary

Technical data

Basic data

Suitable for	CML700i light curtains
Suitable for interface	PROFIBUS DP

Electrical data

Performance data	
Operating voltage	Max. 250 V AC

Connection

Connection 1	
Type of connection	Connector
Thread size	M12
Type	Male
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	Cable with connector
Cable length	5,000 mm
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 3	
Type of connection	Cable with connector
Cable length	250 mm
Thread size	M12
Type	Male
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

Cable properties

Number of conductors	2 Piece(s)
Wire cross section	0.25 mm²
AWG	24
Sheathing color	Violet
Shielded	Yes
Silicone-free	Yes
Cable design	Distribution cable
Cable diameter (external)	7.8 mm
Sheathing material	PUR
Wire insulation	PE
Traverse rate	Max. 5.5 m/s with horiz. traverse path of 5m and and max. acceleration of 10m/s²
Suitability for drag chains	Yes
Properties of the outer sheathing	Free of CFC, silicone and halogen

Mechanical data

Bending cycles	5,000,000 Piece(s)
Bending radius, flexible laying, min.	Min. 10 x cable diameter
Bending radius, stationary laying, min.	Min. 7.5 x cable diameter

Environmental data

Ambient temperature, operation	-20 ... 60 °C
Ambient temperature, storage	-40 ... 70 °C

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	Male
Material	Plastic

Electrical connection

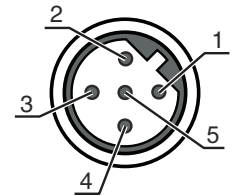
Connection 1

Handle body material	
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	Cable with connector
Cable length	5,000 mm
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 3

Type of connection	Cable with connector
Cable length	250 mm
Thread size	M12
Type	Male
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