

Technical data sheet Interconnection cable

Part no.: 50123265

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

Contents

- Technical data
- Electrical connection

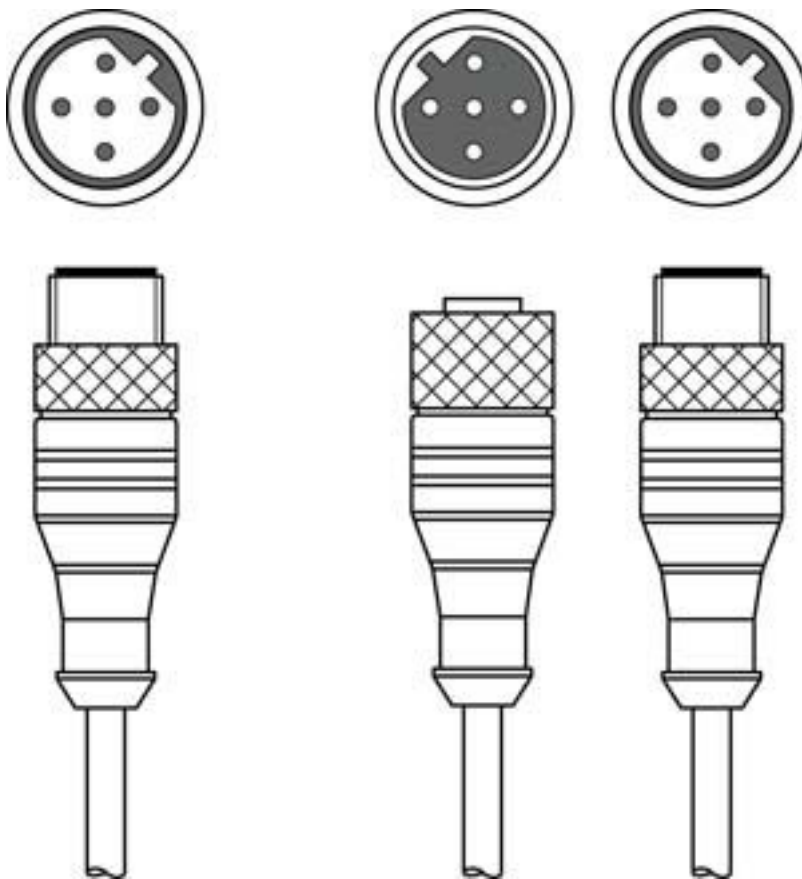


Figure can vary

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
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking
Connection 2	
Type of connection	Connector
Cable length	5,000 mm
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	B-coded
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking
Connection 3	
Type of connection	Connector
Cable length	250 mm
Thread size	M12
Type	Male
Handle body material	PUR
No. of pins	5 -pin
Encoding	B-coded
Version	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
ECLASS 5.1.4	27279201
ECLASS 8.0	27279218
ECLASS 9.0	27060311
ECLASS 10.0	27060311
ECLASS 11.0	27060311
ECLASS 12.0	27060311
ECLASS 13.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855
ETIM 8.0	EC001855

Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Material	Plastic

Electrical connection

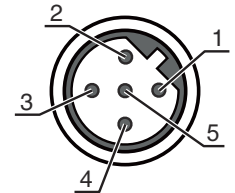
Connection 1

Handle body material	PUR
No. of pins	5 -pin
Encoding	B-coded
Version	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	Connector
Cable length	5,000 mm
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	B-coded
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Connection 3

Type of connection	Connector
Cable length	250 mm
Thread size	M12
Type	Male
Handle body material	PUR
No. of pins	5 -pin
Encoding	B-coded
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking