Patch Cables PROFInet C (PUR)

M12-D-IP67 90° (male)

Category 5e

Type

Patch Cable M12-D coded-IP67 90°, PROFInet C high flexible application

Cable

Designation:	PROFInet type C (SK)
Sheath material:	PUR
Frequency:	up to 100 MHz

Plug

Push-on connector type 1:	M12-Connector bend shielded
Push-on connector type 2:	M12-Stecker bend shielded
System type:	HELUKAT® M12 D-coded
Pin assignment:	D-coded according to DKE/IEC 61076-2-101

Flame proof

acc. to IEC 60332-1-2

Oil-resistant

Acc. to EN60811-2-1

Norms and standards

Components of HELUKAT® CONNECTING SYSTEMS® to 100 MHz acc. Category 5, ISO 11801 (2002), EN 50173-3, IEC61156-1, IEC61156-6, DKE/IEC 61076-2-101 and IEC 61918. Support the PROFInet guideline V4.0 (2017).

Preferred types

Part no.	Sheath colour	Length in metres	Unit
806505	green similar RAL 6018	0,5	50
806506	green similar RAL 6018	1,0	50
806507	green similar RAL 6018	2,0	50
806508	green similar RAL 6018	3,0	30
806509	green similar RAL 6018	5,0	30
806510	green similar RAL 6018	10,0	25
806511	green similar RAL 6018	15,0	10
806512	green similar RAL 6018	25,0	5

Dimensions and specifications may be changed without prior notice.

Characteristics

Jumper cable for the connection between IP67 protected ethernet applications according ISO/IEC 11801 with M12 plugs. Usable for permanent flexible applications.
The special plastic compound which is used for this plug series is good resistant against chemical and oil. Connected to special applications an individual evaluation from our consultants should be done.

- Drag chain suitable
- Bending radius 7,5 x cable outerdiameter maximum
- Moving speed 240 m/min maximum
- Movement distance 10 m maximum
- Accelaration 4 m/s² maximum
- Cycles maximum 5 Mio.
- Temperature range from -20°C to +75°C
- Transmission rate maximum 100 Mbit/s
- Transmission distance maximum 85 m from the Hub to the receiver
- Suitable for the „Heavy-Duty" range.

Options

We also can deliver other cable length, cross-over cables or other types of plugs.