Description

- Plug adapter M12D-RJ45
- Ethernet Cat 5e

Product variants:

Article-no.	Article designation	M12-type	RJ45-type
7433500230	EPIC® DATA M12D4FS-INCABLE-RJ45MS	female	male
7433500231	EPIC® DATA M12D4MS-INCABLE-RJ45MS	male	male

General characteristic

Number of poles	4
Ambient temperature (operation)	-20 to +70 °C
Protection class	IP20 (RJ45 IP20 / M12 IP67)
Coding	D-Standard
Shielded	Yes
Pollution degree	3
Mating cycles	≥ 100
Tightening torque	0.4 up to 1.6 Nm

Electrical properties

Rated voltage	50 V AC / 60 V DC
Rated current at 50 °C	0.5 A
Insulation resistance	>100 MΩ
Contact resistance	≥ 20 mΩ

Materials / surfaces

Contact holder	Polyamide
Contact	Copper alloy, gold plated
Coupling nut / threaded part	Brass, nickel plated
Handle body	PVC, black
Sealing / o-ring	FKM

Standard

Product standard, RJ45 plug connector	IEC 60603-7-3
Product standard, M12 plug connector	IEC 61076-2-101

AbN automation

Technical drawings

7433500230
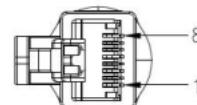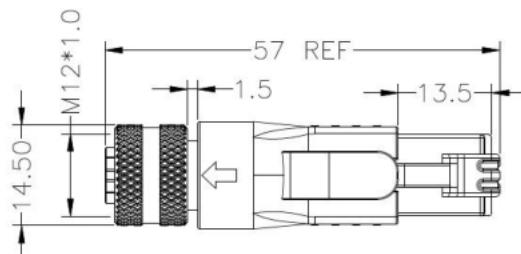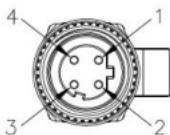
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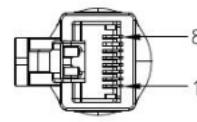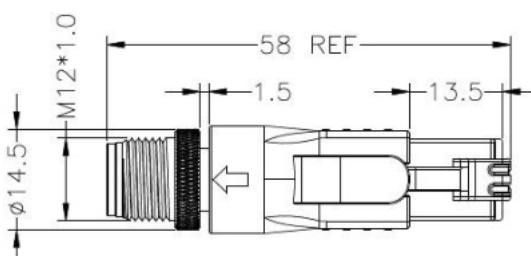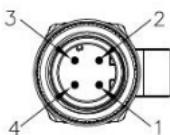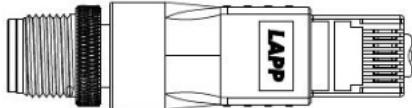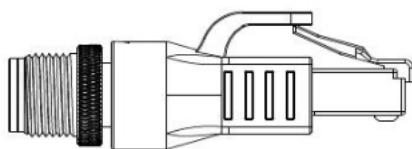
Schaltplan

P1	COLOR	P2
1	WHITE/ORANGE	1
3	ORANGE	2
2	WHITE/BLUE	3
4	BLUE	6
SHELL	BLACK	SHELL

Areas of application

For use in Ethernet-based networks in automation technology.

Note

The photographs are not to scale and are not detailed images of the respective products.

Creator: JUKL2 / BU-EPIC	Document: DB7433500230EN	Page 2 from 2
Released: THBO1 / BU EPIC	Version: 00	

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PD 0019/05_04.18EN