

7433500228	DATA SHEET	
Internal		
Valid from: 11.07.2025	EPIC® DATA M12X8FS-RJ45FS	

Description

- Plug adapter M12X-RJ45
- Ethernet Cat 6A



Product variants:

Article-no.	Article designation	M12-type	RJ45-type
7433500228	EPIC® DATA M12X8FS-INCABLE-RJ45MS	female	male
7433500229	EPIC® DATA M12X8MS-INCABLE-RJ45MS	male	male

General characteristic

Number of poles	8
Ambient temperature (operation)	-20 to +70 °C
Protection class	IP20 (RJ45 IP20 / M12 IP67)
Coding	X-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

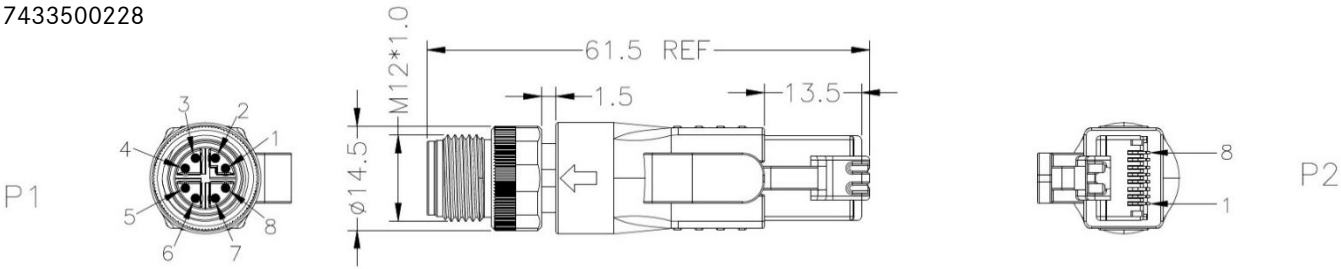
Product standard, RJ45 plug connector	IEC 60603-7-51
Product standard, M12 plug connector	IEC 61076-2-101

Creator: JUKL2 / BU-EPIC Released: THBO1 / BU EPIC	Document: DB7433500228EN Version: 00	Page 1 from 2
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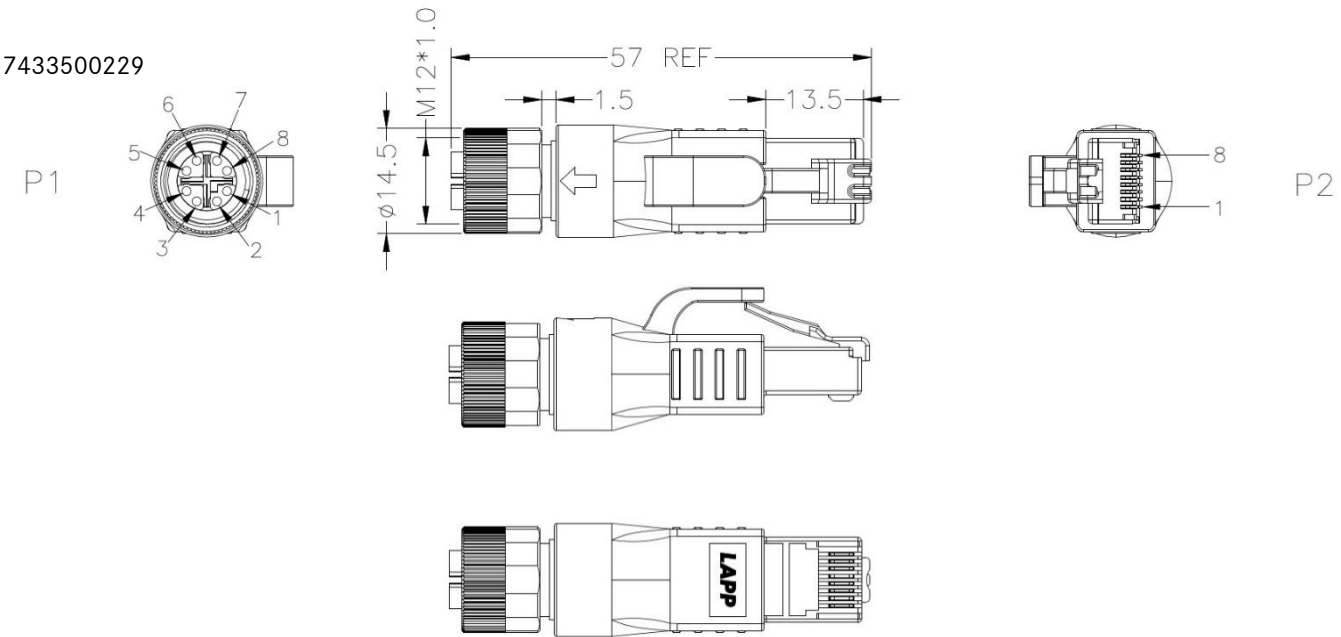
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Technical drawings

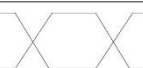
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Wire list

P1	PAIR	COLOR	P2
1		WHITE/ORANGE	1
2		ORANGE	2
3		WHITE/GREEN	3
4		GREEN	6
7		WHITE/BUE	5
8		BLUE	4
5		WHITE/BROWN	7
6		BROWN	8
SHELL		BALCK	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.