

7433500228	
Internal	
Valid from: 11.07.2025	

# DATA SHEET

## 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

AbN  
automation

7433500228

Internal

Valid from:  
11.07.2025

## DATA SHEET

EPIC® DATA M12X8FS-RJ45FS

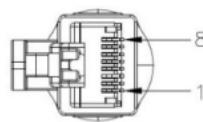
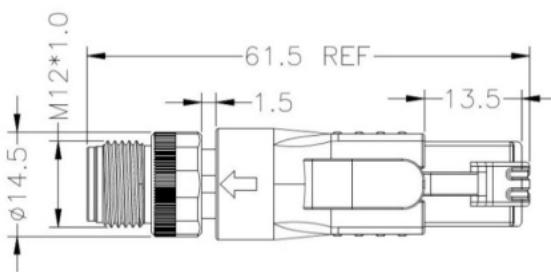
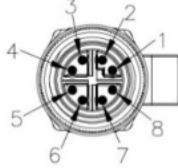


LAPP

## Technical drawings

7433500228

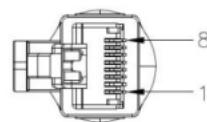
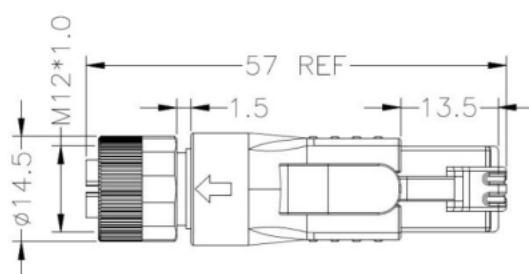
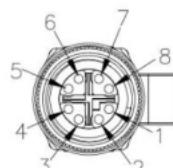
P1



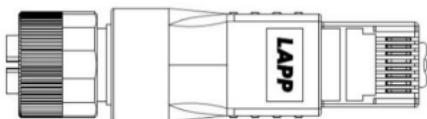
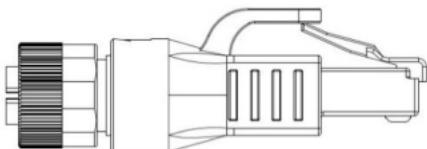
P2

7433500229

P1



P2



## Wire list

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