EPIC® DATA M12D

Thanks to its compact, robust design and reliable connection protection, the M12D connector is an indispensable connectivity solution for Ethernet data transmission up to 100 Mbps (also in PROFINET networks). The D-coding prevents mismating with other connectors. The connector is assembled using insulation displacement technology.

Info

Cat.5 acc. to ISO/IEC 11801
installation without tools





Supplementary automation components from Lapp

Mechanical and plant engineering

Assembly time

Interference signals

Benefits

Stability thanks to die-cast zinc metal housing.
Easy cable connection thanks to insulation displacement technology.
Low error potential during assembly thanks to wire managers with color coding in accordance with the PROFINET standard or the EIA/TIA standard (T568A or T568B).
When connected, protection class IP 67 can be achieved.
UL certification in accordance with the technical data (article dependent) allows the product to be used on the North American market.

Application range

Shielded connectors with metal housings are particularly suitable for environments where electromagnetic compatibility (EMC) is required.
For Ethernet applications 100BASE-TX (up to 100 Mbit/s) in accordance with IEEE 802.3.
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Good oil and chemical resistance.

Product features

Field assembly Industrial Ethernet connector
For communication between SIEMENS® SINAMICS control units (PLC) of servo drive systems.
Robust and vibrations- resistant
Toolfree installation, small and compact design

Norm references / Approvals

Cat.5 acc. to ISO/IEC 11801
M12 D-coded acc. to IEC61076-2-101

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001121 ETIM 5.0 Class-Description: Modular connector
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001121 ETIM 6.0 Class-Description: Modular connector
Protection rating:	IP 67
Ambient temperature (operation):	-25 °C to +85 °C

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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EPIC® DATA M12D

Article number	Article designation	Min. outer diameter (mm)	Max. outer diameter (mm)	AWG solid	AWG 7-wire
M12 D-coded plug, straight, colour coding acc. to PROFINET					
21700647	ED-IE-AX-M12D-5-PN-67-FC	6.2	9.7	26-22	26-22
M12 D-coded plug, straight, colour coding acc. to TIA 568					
21700648	ED-IE-AX-M12D-5-67	5	6.1	26-22	26-22
M12 D-coded socket, straight, TIA 568 colour coding					
22261016	AB-C4-M12FSD-SH	4	8	26-22	26-22

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