

EPIC® DATA M12X

The M12X data connector transmits data and signals with absolute reliability. Thanks to its vibration-proof design, it is also suitable for use in moving machine parts and the cable chain. It is available as a cable connector, coupling connector or control cabinet feed-through, as well as with insulation displacement or crimp termination. The solid data connectors are now also available with a vibration-proof crimp termination for maximum contact safety.

Info

Cat.6_A acc. to ISO/IEC 11801



Supplementary automation components from Lapp



Mechanical and plant engineering



Assembly time



Interference signals

Product features

Stability thanks to die-cast zinc metal housing.

Easy cable connection thanks to crimping or insulation displacement technology.

The connector's integrated vibration protection makes it resistant to shocks and vibrations.

UL certification according to technical data enables use of the product in the North American region.

When connected, protection class IP 67 can be achieved.

Norm references / Approvals

For use with fine and ultra-fine wire conductors of classes 5 and 6.

Can be used universally on machine interfaces for many applications in data and signal transmission.

For highly flexible, continuously flexing use in moving machine parts and in the cable chain.

Also suitable for EtherCAT, EtherNET/IP and 4-pair PROFINET applications.

Technical Data

Last Update (24.02.2025)

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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

EPIC® DATA M12X

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):	-40°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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Article number	Article designation	Min. outer diameter (mm)	Max. outer diameter (mm)	Max. core diameter including insulation	AWG solid	AWG 7-wire	AWG 19-wire
44429476	EPIC® DATA M12X8MSC	5.5	8.5	-	28-26	28-26	28-26
M12 X-coded plug, straight							
381166928	EPIC DATA-IE-AX- M12X-6A-67-FC	5.5	9	1.6	24-21	27-22	-
M12 X-coded socket, straight							
381166927	EPIC DATA-IE-AX- M12XF-6A-67-FC	5.5	9	1.6	24-21	27-22	-
M12 X-coded plug, straight							
21700602	ED-IE-AX- M12X-6A-67-FC	6.3	9.7	1.6	26-22	26-22	-
M12 X-coded socket, straight							
21700621	E D- IE-AX- M12XF-6 _A -67-FC	6.3	9.7	1.6	26-22	26-22	-
M12 X-coded socket, straight for wall mounting							
21700622	ED-IE-AX-M12XF- RM-6 _A -67-FC	6.3	9.7	1.6	26-22	26-22	-

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