

EPIC® POWER M12T Screw termination

Circular connectors for servomotors and power supply

This compact M12 connector comes into play if you want more power. It is used to supply power to small devices and motors in direct current applications (63 V, 12 A per contact). The T-coding prevents incorrect plugging with other connectors.



Low weight



Space requirement



Waterproof

Benefits

High stability thanks to impact-resistant polyamide.

High power up to 12 A despite extremely space-saving design for very small devices.

The mechanical T-coding of the connector face prevents incorrect plugging with mating connectors.

The service-friendly screw connection makes assembly possible without a special tool, and is suitable for connections which need to be detached again.

Available in different designs.

Application range

For DC applications in the low-voltage range.

For power supply of smaller devices (e.g. decentralised I/O modules, smaller motors).

Good oil and chemical resistance.

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC002635

ETIM 5.0 Class-Description: Circular connector (industrial connector)

Classification ETIM 6:

ETIM 6.0 Class-ID: EC002635

ETIM 6.0 Class-Description: Circular connector (industrial connector)

Rated voltage (V):

63 V

Rated impulse voltage:

1.5 kV

Rated current (A):

12 A

Last Update (23.04.2024)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

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Pollution degree:	3
Number of contacts:	4
Termination methods:	Screw termination: 0.5 - 2.5 mm ²
Protection rating:	IP 67
Cycle of mechanical operation:	100
Temperature range:	-25°C ... +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	Version	Version	Contacts included	Clamping range min	Clamping range max	Surface	Fastening type	Pin configuration
381166347	plug	female	4	8	12	Au	M12	4
381166346	Socket	male	4	8	12	Au	M12	4

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