

## EPIC® POWER M12M Screw termination

Circular connectors for servomotors and power supply

This compact M12 connector comes into play if 5 conductors + PE are to be connected. It is used to supply power to smaller devices and systems (630 V, 8 A per contact). The M-coding prevents incorrect plugging with other connectors.



Low weight



Space requirement



Waterproof

### Benefits

High stability thanks to impact-resistant polyamide.

Compact contact arrangement enables 5 contacts + 1 PE contact in little assembly space.

The mechanical M-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 supplying power to smaller devices and systems in a wide range of applications.

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):

630 V

Rated impulse voltage:

6 kV

Rated current (A):

8 A

Pollution degree:

3

Last Update (28.04.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

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## EPIC® POWER M12M Screw termination

Number of contacts:	5+PE
Termination methods:	Screw termination: 0.5 - 2.5 mm <sup>2</sup>
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	Article description	Version	Version	Contacts included	Clamping range min	Clamping range max	Surface	Fastening type	Pin configuration
381166345	Straight female	Socket	female	6	8	12	Au	M12	5+PE
381166344	Straight male	plug	male	6	8	12	Au	M12	5+PE

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