

## EPIC® POWER M12 630V cable connector

Circular connectors for servomotors and power supply

This compact M12 connector with FE contact 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, 16 A per contact) – also in PROFINET networks. The L-coding prevents incorrect plugging with other connectors.

### Info

smallest Power connector  
Made in Germany



Low weight



Space requirement



Waterproof

### Benefits

to terminate only screw driver is necessary  
Small and space-saving for narrow available space  
high performance gold plated contacts

### Application range

Power Supply for small devices  
for 1-phase cables or 3-phase without N

### 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)

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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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	connector)
Rated voltage (V):	630 V
Rated impulse voltage:	6 kV
Rated current (A):	12 A
Pollution degree:	3
Contact resistance:	< 3 mOhm
Number of contacts:	3 + PE S-coded
Termination methods:	Screw termination: 0.75 - 1.5mm <sup>2</sup>
Protection rating:	IP 67
Cycle of mechanical operation:	100
Temperature range:	-40 °C to +85 °C

**Note**

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Article number	Article description	Clamping range min	Clamping range max	Packaging unit
44423140	Cable coupler with pin contacts	8	10	1
44423141	Cable connector with socket contacts	8	10	1
44423142	Cable coupler with pin contacts, angled	8	10	1
44423143	Cable connector with socket contacts, angled	8	10	1

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