

EPIC® POWER M12L F6

Virtually conceived and now in real life: The M12 power connector with L-coding meets all market requirements. It is very small yet powerful, prevents mismatching, is PROFINET-compliant. With M12L, sensor/actuator cabling as well as the power supply of smaller DC motors, e.g. in driverless transport systems, is successful.



Lapp



Cable connector F6 can be used with attachment housing A4 or coupling connector D6.
Powerful up to 16 A despite extremely space-saving size for very small devices.
Mechanical L-coding of the mating face prevents mismatching with mating connector.
Suitable for conductor cross-sections from 0.75 - 2.50 mm².

Available as 4-pole variant with black insulating body and as 4+FE variant with grey insulating body and functional earth contact (FE).

For DC applications in the low-voltage range.

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

Also suitable for power supply in the PROFINET network (M12L is considered the standardised power interface there).

(22.07.2024)

©2024 Lapp Group - all rights reserved.

<http://lappkorea.lappgroup.com>

data sheet

PN 0456 / 02_03.16

EPIC® POWER M12L F6

ETIM 5:	ETIM 5.0 Class-ID: EC002635
ETIM 6:	ETIM 6.0 Class-ID: EC002635
(V):	63 V
:	1.5 kV
(A):	16 A
:	3
/ :	4, 4+PE
:	0.75mm ² - 2.5mm ²
:	:
:	: PA,
:	: FPM
가:	IP65/IP67/IP69
:	100
:	-25°C ~+125°C

가 VAT 가 가 .

(22.07.2024)



EPIC® POWER M12L F6

		Clamping range min	Clamping range max			Packaging unit
44423175	-	10.5	11	M12	4+PE	20
44423159	5	6.5	10.5	M12	4+PE	1
44423173	-	6.5	10.5	M12	4+PE	20
44423171	-	10.5	11	M12	4	20
44423153	4	6.5	10.5	M12	4	1
44423169	-	6.5	10.5	M12	4	20

(22.07.2024)

©2024 Lapp Group - all rights reserved.

<http://lappkorea.lappgroup.com>

data sheet

PN 0456 / 02_03.16

EPIC® POWER M12L F6



(22.07.2024)

©2024 Lapp Group - all rights reserved.

<http://lappkorea.lappgroup.com>

data sheet

PN 0456 / 02_03.16