

44423152	DATA SHEET	
Valid from: 29.04.2022	EPIC® POWER M12L D6	

Description

- Circular connector for servomotors and power supply
- High power at smallest installation space
- Optimal solution for electric motors
- EMC-optimised design
- Safety use in field environment by high protection class



General Characteristics

Series	POWER M12L
Version	Field assembled M12L-code female
Pin configuration	4+FE
Rated voltage (V)	63 V
Rated current (A)	16A/4+FE (2.5mm ²)
Termination method	Crimp termination: 0.75mm ² to 1.5mm ² / 2.5 mm ²
Wire insulation-Ø (max.)	Ø 3 mm
Protection degree (plugged and locked)	IP 65 / 67 / 69
Mating cycles	100
Ambient temperature	acc. standard: -25°C to +85°C (-13°F to 185°F) environment: -25°C to +125°C (-13°F to 257°F)
Degree of soiling	3

Product Variation

Article-number	Article description	Amount of contacts	Cable jacket-Ø (min. - max.) [mm]	PU
44423152	EPIC POWER M12L D6 4P 1,5 6,5-10,5 (1)	4 x 1.5 mm ²	Ø 6.5 - Ø < 10.5	1
44423158	EPIC POWER M12L D6 4+FE 1,5 6,5-10,5 (1)	5 x 1.5 mm ²	Ø 6.5 - Ø < 10.5	1
44423168	EPIC POWER M12L D6 4P 6,5-10,5 (20)	none*	Ø 6.5 - Ø < 10.5	20
44423170	EPIC POWER M12L D6 4P 10,5-11 (20)	none*	Ø 10.5 - Ø11	20
44423172	EPIC POWER M12L D6 4+FE 6,5-10,5 (20)	none*	Ø 6.5 - Ø < 10.5	20
44423174	EPIC POWER M12L D6 4+FE 10,5-11 (20)	none*	Ø 10.5 - Ø11	20

* contacts has to be ordered separately


Material/surfaces

Housing	Zinc die-cast, Ni-plated Brass, Ni-plated
Contacts	Brass, Au-plated
Inserts	PA
Seal	FKM

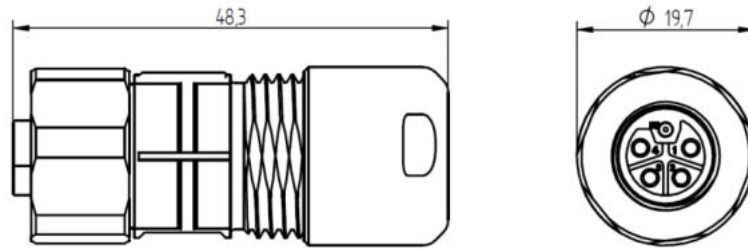
Standard

Product standard	DIN EN IEC 61076-2-111:2018-10
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Technical drawing



Corrosion-resistant



Industrial machinery and plant engineering



Mechanical resistance



Assembly time



Space requirement



Robust



Waterproof

Application range

Plant engineering, servo drives and servo assemblies

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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