



Info

- High Power with smallest space requirements



Info

- Rotatable with 310° cable outlet



Info

- For installation in existing hole

Suitable contacts:

- EPIC® M17 Contacts Page 638
- The contacts have to be ordered separately

Benefits

- Version with less contacts for higher current
- Sensor/ ac
- EMC protection

Application range

- Servo drives and servo assemblies
- Plant engineering, machinery manufacturing

EPIC® POWER M17 A1

Circular connectors for servomotors and power supply



EPIC® POWER M17 A3

Circular connectors for servomotors and power supply



EPIC® POWER M17 G4

Circular connectors for servomotors and power supply



Technical data

<p> Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC002635 ETIM 5.0/6.0 Class-Description: Circular connector (industrial connector)</p> <p> Rated voltage (V) 630V: 2mm and 1mm contacts 60V: 0,6mm contacts</p> <p>Rated impulse voltage 6KV: 2mm and 1mm contacts 1.5KV: 0.6mm contacts</p> <p> Rated current (A) 3+PE: 20A, 5+PE/6+PE/7+PE: 14A, 3+PE+5: 14A/3,6A</p> <p> Pollution degree 3</p> <p> Contacts Gold-plated brass</p>	<p> Number of contacts 3+PE, 5+PE, 6+PE, 7+PE, 3+PE+5 Contacts:3+PE(2mm), 5+PE(1mm), 6+PE(1mm), 7+PE(1mm), 3+PE+5(1mm/0.6mm)</p> <p> Termination methods Crimp: 3+PE: 0.5-2.5mm², 5+PE/6+PE/7+PE: 0.06-1mm², 3+P+5: 0.06-1/0.06-0.5mm²</p> <p> Material Housing: nickel-plated zinc die-casting, nickel-plated brass Insert: PA, Seal: FPM</p> <p> Protection rating IP 67</p> <p> Cycle of mechanical operation 100</p> <p> Temperature range -40°C to +125°C</p>
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Article number	Article description	Fastening type	Pin configuration	Pieces / PU
Type M17 A1, front wall mounting				
44423075	EPIC® M17 female	Ø 2.7 mm (4x)	3+PE (2mm contacts)	5
44423070	EPIC® M17 male	Ø 2.7 mm (4x)	3+PE (2mm contacts)	5
44423076	EPIC® M17 female	Ø 2.7 mm (4x)	5+PE (1mm contacts)	5
44423071	EPIC® M17 male	Ø 2.7 mm (4x)	5+PE (1mm contacts)	5
44423077	EPIC® M17 female	Ø 2.7 mm (4x)	6+PE (1mm contacts)	5
44423072	EPIC® M17 male	Ø 2.7 mm (4x)	6+PE (1mm contacts)	5
44423078	EPIC® M17 female	Ø 2.7 mm (4x)	7+PE (1mm contacts)	5
44423073	EPIC® M17 male	Ø 2.7 mm (4x)	7+PE (1mm contacts)	5
44423079	EPIC® M17 female	Ø 2.7 mm (4x)	3+PE+5 (1mm/0.6mm contacts)	5
44423074	EPIC® M17 male	Ø 2.7 mm (4x)	3+PE+5 (1mm/0.6mm contacts)	5
Type M17 A3, angled and rotateable				
44423085	EPIC® M17 female	Ø 2.7 mm (4x)	3+PE (2mm contacts)	5
44423080	EPIC® M17 male	Ø 2.7 mm (4x)	3+PE (2mm contacts)	5
44423086	EPIC® M17 female	Ø 2.7 mm (4x)	5+PE	5
44423081	EPIC® M17 male	Ø 2.7 mm (4x)	5+PE	5
44423087	EPIC® M17 female	Ø 2.7 mm (4x)	6+PE (1mm contacts)	5
44423082	EPIC® M17 male	Ø 2.7 mm (4x)	6+PE (1mm contacts)	5
44423088	EPIC® M17 female	Ø 2.7 mm (4x)	7+PE (1mm contacts)	5
44423083	EPIC® M17 male	Ø 2.7 mm (4x)	7+PE (1mm contacts)	5
44423089	EPIC® M17 female	Ø 2.7 mm (4x)	3+PE+5 (1mm/0.6mm contacts)	5
44423084	EPIC® M17 male	Ø 2.7 mm (4x)	3+PE+5 (1mm/0.6mm contacts)	5
Type M17 G4, front wall mounting				
44423095	EPIC® M17 female	M18x0,75 (order counternut separately)	3+PE (2mm contacts)	5
44423090	EPIC® M17 male	M18x0,75 (order counternut separately)	3+PE (2mm contacts)	5
44423099	EPIC® M17 female	M18x0,75 (order counternut separately)	5+PE (1mm contacts)	5
44423094	EPIC® M17 male	M18x0,75 (order counternut separately)	5+PE (1mm contacts)	5
44423096	EPIC® M17 female	M18x0,75 (order counternut separately)	6+PE (1mm contacts)	5
44423091	EPIC® M17 male	M18x0,75 (order counternut separately)	6+PE (1mm contacts)	5
44423097	EPIC® M17 female	M18x0,75 (order counternut separately)	7+PE (1mm contacts)	5
44423092	EPIC® M17 male	M18x0,75 (order counternut separately)	7+PE (1mm contacts)	5
44423098	EPIC® M17 female	M18x0,75 (order counternut separately)	3+PE+5 (1mm/0.6mm contacts)	5
44423093	EPIC® M17 male	M18x0,75 (order counternut separately)	3+PE+5 (1mm/0.6mm contacts)	5

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

Accessories

EPIC® POWER M17 G4

- EPIC® M17 Accessories