

M17 Circular connector

630V- 20A

Technical characteristics

Specifications			
Specifications		DIN EN 60 664	
		DIN EN 61 984	
Approvals			
Electrical data		Mechanical date	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm ² / AWG	(0.35-2.5 mm ² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	Insulating bodies	PBT
Rated impulse voltage	6kV	Contact material	copper alloy
Pollution degree	3	Contact surface	gold plated
Flammability acc. to UL 94	V0 (UL94)	Mechanical working life	>500
Overvoltage categorie	III	Degree of protection	IP67
		Temperature range	-40°C ...+130°C

Male, Crimp terminal
order crimp contacts separately



Contacts	Designation	Order No.
4(3+PE)	M17-MC04-BKP21.6-SE-OD2.7	165 004 310 1003
	M17-MC04-BKP26-SE-OD2.7	165 004 610 2500
	M17-MC04-BKP28-SE-OD3.2	165 004 610 2503

Female, Crimp terminal
order crimp contacts separately



Contacts	Designation	Order No.
4(3+PE)	M17-FC04-BKP21.6-SE-OD2.7	165 004 620 2500
	M17-FC04-BKP26-SE-OD2.7	165 004 620 2501
	M17-FC04-BKP28-SE-OD3.2	165 004 620 2502

Crimp contacts

Crimp contacts 20A

20A	Wire gauge(mm ²)	Male	Order No.
	0.35-2.5	M17-MC20G-2.5	101 020 210 1002



0.35-2.5	Wire gauge(mm ²)	Female	Order No.
	0.35-2.5	M17-FC20G-2.5	101 020 220 1002

Tools

Crimping tool



Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

