

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

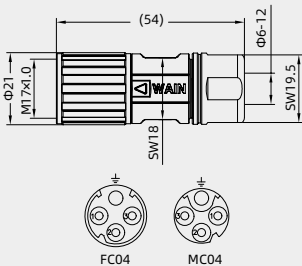


Contacts	Cable outlet	Designation	Order No.
4(3+PE)	6-9mm	M17-MC04-T-D9.5-SH	165 004 410 2500
	9-12mm	M17-MC04-T-D12-SH	165 004 410 2501

Female, Crimp terminal
order crimp contacts separately



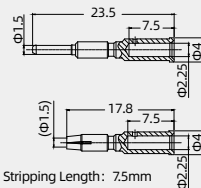
Contacts	Cable outlet	Designation	Order No.
4(3+PE)	6-9mm	M17-FC04-T-D9.5-SH	165 004 420 2500
	9-12mm	M17-FC04-T-D12-SH	165 004 420 2001



Crimp contacts

Crimp contacts 20A

20A	Wire gauge(mm²)	Male	Order No.
	0.35-2.5	M17-MC20G-2.5	101 020 210 1002
	Wire gauge(mm²)	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 mm²	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.