

M17 Circular connector

630/63V - 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	Contact material	copper alloy
Pollution degree	3	3	Contact surface	gold plated
Flammability acc. to UL 94	V0 (UL94)	V0 (UL94)	Mechanical working life	>500
Overvoltage categorie	III	III	Degree of protection	IP67
			Temperature range	-40°C ...+130°C

Male, Crimp terminal

order crimp contacts separately



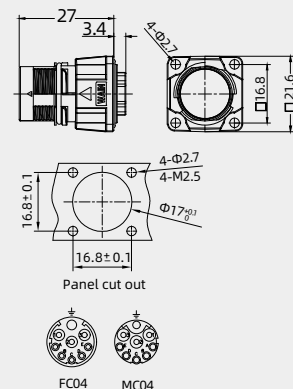
Contacts	Designation	Order No.
9(5+4(3+PE))	M17-MC04/5-BK21.6-OD2.7	165 009 310 2501

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
9(5+4(3+PE))	M17-FC04/5-BK21.6-OD2.7	165 009 320 2500



Crimp contacts

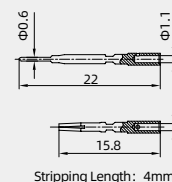
Crimp contacts 3.6A

3.6A(signal)



NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Crimp contacts

power



NO.	Wire gauge(mm ²)	Male	Order No.
①	0.03-0.34	M23-MC9G-0.34	101 031 210 2501
②	0.14-1.0	M23-MC9G-1.0	101 031 210 0801
③	0.5-1.5	M23-MC9G-1.5	101 031 210 0901

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.03-0.34	M23-FC9G-0.34	101 031 220 2501
②	0.14-1.0	M23-FC9G-1.0	101 031 220 0801
③	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

		NO.	Φa	Φb	Stripping Length
		①	1.7	0.9	4mm
		②	2.1	1.45	4mm

		NO.	Φa	Φb	c	Stripping Length
		①	1.7	0.9	14	4mm
		②	2.1	1.45	14	4mm
		③	1.75	-	16.7	4.9mm

Tools

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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.