

M17 Circular connector

32V- 7A

Technical characteristics

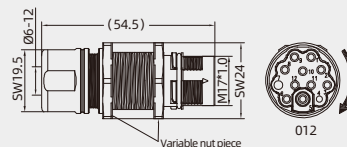
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	12	Housing material	copper alloy,zinc alloy
Rated current	7A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.0mm² /AWG32-18)	Contact resistance	≤ 5 mΩ
Rated voltage	32 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
12	6-9.5mm	M17-012-CCT/RA-D9.5-SH	165 012 400 2501
	9-12mm	M17-012-CCT/RA-D12-SH	165 012 400 2502



Crimp contacts

Crimp contacts



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

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

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

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.