

M17 Circular connector

63V- 3.6A

Technical characteristics

Specifications			
Specifications		DIN EN 60 664 DIN EN 61 984	
Approvals			
Electrical data		Mechanical data	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm²/ AWG	(0.14-0.5 mm² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 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

Male, Crimp terminal
order crimp contacts separately

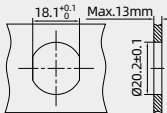
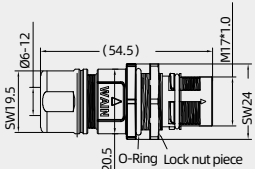


Contacts	Cable outlet	Designation	Order No.
17	6-9.5mm	M17-MC017-CCT/R-D9.5-SH	165 017 410 2501
	9-12mm	M17-MC017-CCT/R-D12-SH	165 017 410 2502

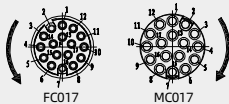
Female, Crimp terminal
order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
17	6-9.5mm	M17-FC017-CCT/R-D9.5-SH	165 017 420 2504
	9-12mm	M17-FC017-CCT/R-D12-SH	165 017 420 2505



Panel cut out



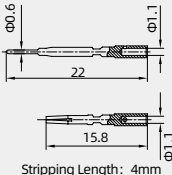
Crimp contacts

Crimp contacts 3.6A

3.6A



NO.	Wire gauge(mm²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Tools

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm²	TL03	198 001 001 0002

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