

M17 Circular connector

48V- 7.5A

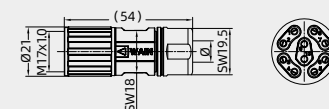
Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	10	Housing material	copper alloy,zinc alloy
Rated current	7.5A	Housing surface	Nickel-plated
mm²/ AWG	(0.09-0.82mm² /AWG 28-18)	Contact resistance	≤ 10 mΩ
Rated voltage	48 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.
10	6-9.5mm	M17-FC010-T-D9.5-SH	165 010 420 2001
	9-12mm	M17-FC010-T-D12-SH	165 010 420 2500



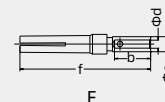
Accessories

Crimp contacts 5A

gold plated



Wire gauge(mm ²)	Female	Order No.
0.09-0.25	CSGF-0.25	101 014 220 0101
0.13-0.33	CSGF-0.33	101 014 220 0201
0.33-0.52	CSGF-0.52	101 014 220 0501
0.33-0.82	CSGF-0.82	101 014 220 0701



Tools

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82mm ²	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.