

M12 Circular Connector,Hybrid



M12-H

M12-Hybrid Circular Connector

32V/50V/300V 1A/8A

Technical characteristics



Electrical data		Mechanical properties	
Number of contacts	10(3+PE+4+2)	Mechanical working life	>500
Contacts	3+PE(power), 4(signal), 2(Brake)	Locking type	Quick lock
Rated current(40°C)	8A, 1A, 1A	Termination	Cable Installation(Free-Hanging)
Rated voltage	300V, 32V, 50V	cable outlet	Ø8.7-10
Rated impulse voltage		Environmental performance	
-Between pins	2500V(power), 800V(signal), 800V(Brake)	Limiting temperature	-40°C ...+130°C
-Between the pin and ground	4000V	Degree of protection	IP67
Contact resistance	≤ 10mΩ	Pollution degree	3
Material and finish			
Material(Hoods/Housings)	zinc diecasting nickel plated		
Contact Material	copper alloygold plated		
Insert material	PA		

Straight cable connectors

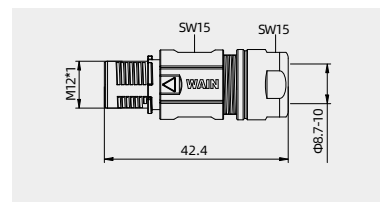
Crimp terminal

order crimp contacts separately



10pin

Contacts	Designation	Order No.
10(3+PE+4+2)	MX12-MC04/4/2-T-D10-SH	185 010 420 2500



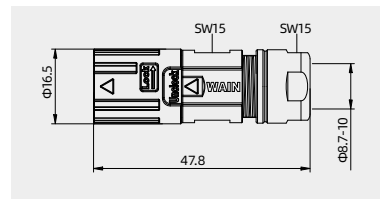
Crimp terminal

order crimp contacts separately



10pin

Contacts	Designation	Order No.
10(3+PE+4+2)	MX12Q-FC04/4/2-T-D10-SH	185 010 410 2500



Crimp contacts

signal contact



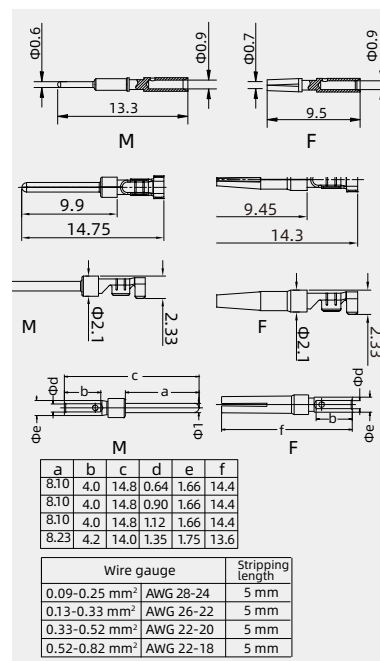
Male	Order No.	Female	Order No.
MX17-MC1.2G-0.34	101 046 210 2550	MX17-FC1.2G-0.34	101 046 220 2550

CSGM-0.82P	101 014 210 0750	CSGF-0.82P	101 014 220 0750
------------	------------------	------------	------------------

power contact



Male	Order No.	Female	Order No.
CSSM-0.25	101 014 110 0101	CSSF-0.25	101 014 120 0101
CSSM-0.33	101 014 110 0201	CSSF-0.33	101 014 120 0201
CSSM-0.52	101 014 110 0501	CSSF-0.52	101 014 120 0501
CSSM-0.82	101 014 110 0701	CSSF-0.82	101 014 120 0701
CSGM-0.25	101 014 210 0101	CSGF-0.25	101 014 220 0101
CSGM-0.33	101 014 210 0201	CSGF-0.33	101 014 220 0201
CSGM-0.52	101 014 210 0501	CSGF-0.52	101 014 220 0501



M12-H

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