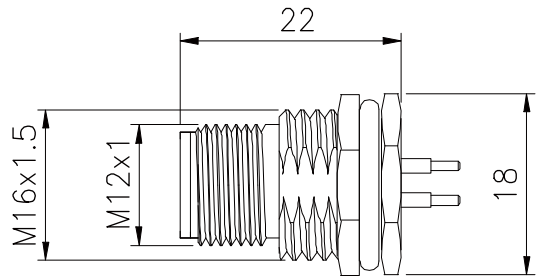


M12 male back mount PCB plug connector



Technical parameters

Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C~+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

M 1 2

Electric parameter

pin number	code type				rated current	rated voltage		cable size		cable material	dealing at the end cable
	A	B	C	D		A/C	D/C	AWG	mm ²		
2					4A	250V	250V	22	0.34	PVC/PUR	
3					4A	250V	250V	22	0.34	PVC/PUR	
4					4A	250V	250V	22	0.34	PVC/PUR	
5					4A	60V	60V	22	0.34	PVC/PUR	- no dealing - customized
6					2A	30V	30V	24	0.25	PVC/PUR	- strip and tinn - to other connector
8					2A	30V	30V	24	0.25	PVC/PUR	
12					1.5A	30V	30V	26	0.14	PVC/PUR	
17					1.5A	30V	30V	26	0.14	PVC/PUR	

Order method

<p>Ⓐ Regular type</p> <p>M12 - <input type="text"/> - F1 - <input type="text"/> - P</p> <p style="margin-left: 40px;">code type (except A type)</p> <p style="margin-left: 20px;">pin number</p>	<p>Ⓑ Customized</p> <p>M12 - <input type="text"/> - F1 - <input type="text"/> - P - <input type="text"/> - <input type="text"/></p> <p style="margin-left: 40px;">pin number</p> <p style="margin-left: 40px;">customized item number</p> <p style="margin-left: 40px;">others</p> <p style="margin-left: 20px;">code type (except A type)</p>
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