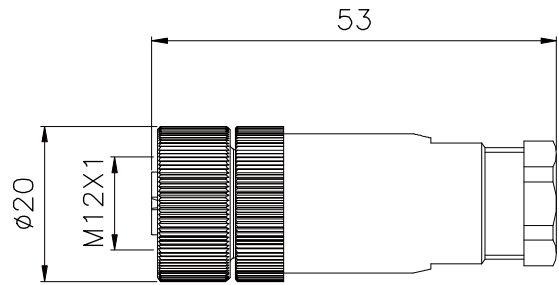


# M12 female straight assembly plastic socket connector



M 12

## Technical parameters

Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU <sup>®</sup>
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	∅4mm~∅8mm

## 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 <sup>2</sup>		
3					4A	250V	250V	22	0.34	PVC/PUR	- no dealing - customized - strip and tinn - to other connector
4					4A	250V	250V	22	0.34	PVC/PUR	
5					4A	60V	60V	22	0.34	PVC/PUR	
8					2A	30V	30V	24	0.25	PVC/PUR	
12					1.5A	30V	30V	26	0.14	PVC/PUR	

## Order method

<p>Ⓐ Regular type</p> <p>M12P - [ ] A - [ ] - S - [ ] - [ ] - [ ]</p> <p style="text-align: center;">             pin number      code type (except A type)      cable material<sup>®</sup>      cable length      others         </p>	<p>Ⓑ Customized</p> <p>M12P - [ ] A - [ ] - S - [ ] - [ ] - [ ]</p> <p style="text-align: center;">             pin number      customized item number      code type (except A type)      others         </p>
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