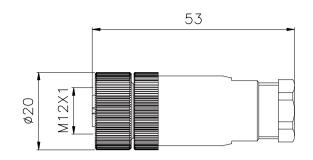
M 12

- M12 connector is the most various and most wildly used series
- It is available for 2 3 4 5 6 8 12 17pin
- It is including A/B/C/D/S/T/X code type connector
- It including various types:
 overmold cable
 panel mount assembly splitter type,
 RJ45 converter, terminal type and protect caps
 Waterproof degree can be reach: IP67,IP68,IP69K
- M12 data connector, transfer speed can be 10 Gbps



M12 female straight assembly plastic plug connector





M 1 2

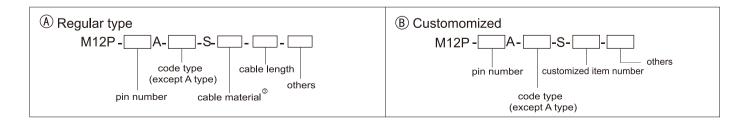
Technical parameters

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

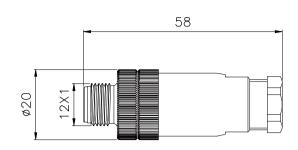
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	Ø4mm~Ø8mm

■ Electric parameter

pin	_	code t			rated		/oltage	cable		cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
3	1000				4A	250V	250V	22	0.34	PVC/PUR	
4	1 0 0 2 4 0 0 3			1 0 0 2	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends
8	7 0 08 0 3 6 0 04				2A	30V	30V	24	0.25	PVC/PUR	- Your other needs
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	







M 1 2

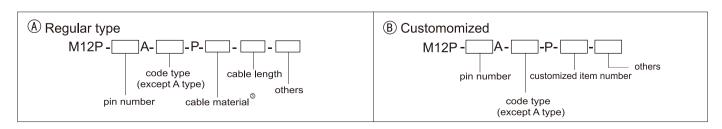
■ Technical parameters

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	Ø4mm~Ø8mm

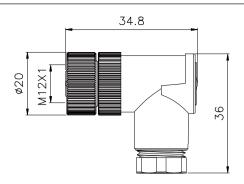
■ Electric parameter

pin		code t	уре		rated	rated \	/oltage	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Elius avaible
3					4A	250V	250V	22	0.34	PVC/PUR	
4	2 0 0 1 3 0 0 4			2 0 0 0 3	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option
5	2 0 0 1 0 5 0 0 4	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends
8	3 0 08 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	- Your other needs
12	3 0 0 9 4 0 0 0 8 11 5 6 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	



M12 female angled assembly plastic plug connector





M 1 2

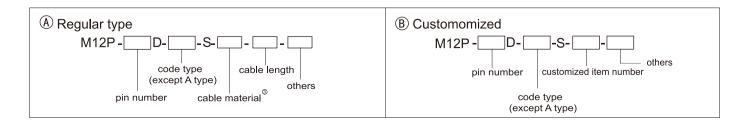
Technical parameters

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

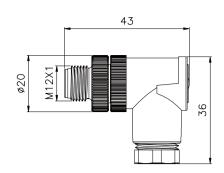
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	Ø4mm~Ø8mm

■ Electric parameter

pin		code t	уре		rated	rated \	/oltage	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
3	1000				4A	250V	250V	22	0.34	PVC/PUR	
4	1 0 0 2 4 0 0 3			1 0 0 2 4 0 0 5 3	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
5	1 0 0 2 0 5 0 5 0 3	2 0 0 1 05 0 0 4			4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
8	7 0 0 0 3 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	rodr other needs
12	9 9 0 0 3 8 0 0 0 4 12 7 6 5				1.5A	30V	30V	26	0.14	PVC/PUR	







M 1 2

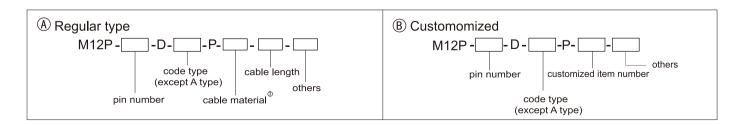
Technical parameters

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	Ø4mm~Ø8mm

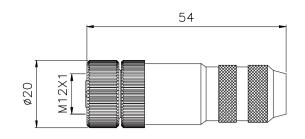
■ Electric parameter

pin		code ty	уре		rated	rated \	oltage/	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Elius avaible
3					4A	250V	250V	22	0.34	PVC/PUR	
4	2 0 0 1 3 0 0 4			2 0 0 1 3 0 0 4	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
5	2 0 0 1 0 5 0 0 4	1 0 0 2 0 5 0 5 0 3			4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends
8	3 0 0 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	- Your other needs
12	3 0 0 0 9 4 0 0 0 0 8 11 5 0 0 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	



M12 female straight assembly metal plug connector





M 1 2

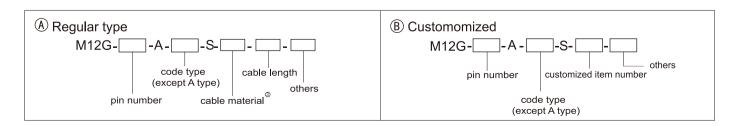
Technical parameters

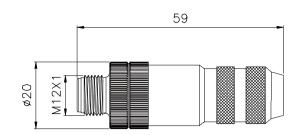
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	Ø4mm~Ø8mm

Electric parameter

pin		code type		code type			rated	rated \	/oltage	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Endo avaibio		
3	10003				4A	250V	250V	22	0.34	PVC/PUR			
4	1 0 0 2 0 0 3			1 0 0 2	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut		
5	1 0 0 2 0 5 0 0 3	2 0 0 1 0 5 0 0 4			4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs		
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	- Tour other needs		
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR			





M 1 2

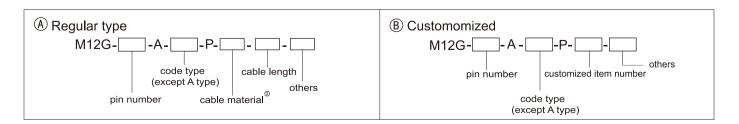
Technical parameters

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	

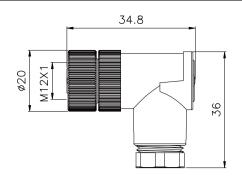
■ Electric parameter

pin		code t	уре		rated	rated \	/oltage	cable	size	cable	F
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Ends avaible
3	3 0 0				4A	250V	250V	22	0.34	PVC/PUR	
4				2 0 0 1	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option
5	2 0 0 1 0 5 0 0 4	1 0 0 2 0 5 0 3			4A	60V	60V	22	0.34	PVC/PUR	- Othp & Till Clids
8	3 0 08 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	- Your other needs
12	2 10 1 3 0 0 0 9 4 0 0 0 8 11 5 6 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	



M12 female angled assembly metal plug connector





■ Technical parameters

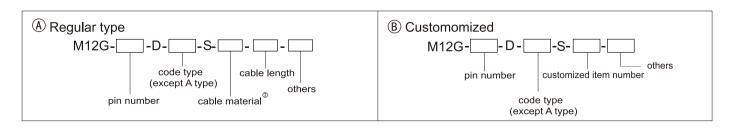
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

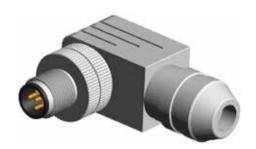
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	Ø4mm~Ø8mm

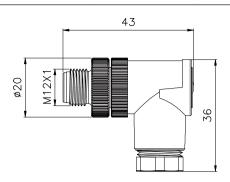
■ Electric parameter

pin		code ty	уре		rated	rated \	/oltage	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	21100 01010
3	1000				4A	250V	250V	22	0.34	PVC/PUR	
4	1 0 0 2 0 0 3			1 0 0 2 0 0 5 3	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
5	1 0 0 0 0 0 0 0 0 0 3	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	- Tour other needs
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method





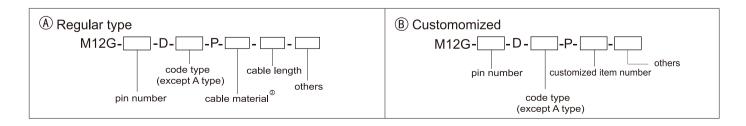


Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

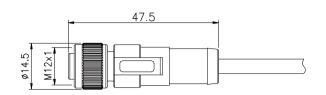
■ Electric parameter

pin		code ty	уре		rated	rated \	/oltage	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
3	3 0 4				4A	250V	250V	22	0.34	PVC/PUR	
4	2 0 0 1 3 0 0 4			2 0 0 0 3	4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
5	2 0 1 0 0 05 0 0 3 4	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
8	3 0 0 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	30009 40008 111567				1.5A	30V	30V	26	0.14	PVC/PUR	



M12 female straight overmold 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	

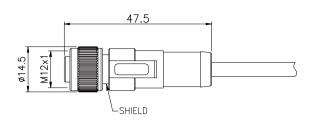
Electric parameter

pin		code	type		rated	rated	voltage	cable	e size	cable	
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Ends avaible
2	100				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option
4	1 0 0 2 0 4 0 0 3		3 (OO) 1	1 0 0 2 4 0 0 3	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends
5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 1 0 5 0 0 4	PE 2 0 0 4 1 0 5		4A	60V	60V	22	0.34	PVC/PUR	- Your other needs
6	7 0 0 3 6 0 4		PE 2 0 0 4 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 08 0 3 6 0 04				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 0 0 0 0 0 0 0 0 0 0 0				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 2 12 15 10 00 00 00 00 00 00 00 00 00 00 00 00				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method







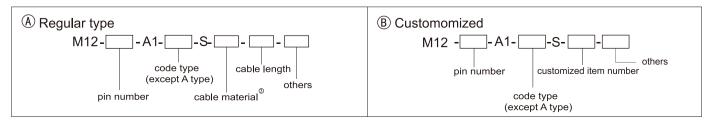
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

■ Electric parameter

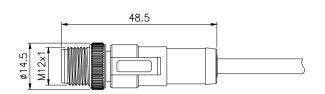
pin		code	type		rated	rated	voltage	cable	e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	10003				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 0 0 3		3 (OO) 1	1 0 0 2 0 0 5 4 0 5	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	1 0 0 2 0 5 0 5 4 0 3	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PE 2 0 0 4 0 5		4A	60V	60V	22	0.34	PVC/PUR	. Total other ricous
6	7 0 0 3 6 0 4		PE 2 0 0 4 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 0 0 0 0 0 0 0 0 0 0 0				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 2 12 16 10 0 0 0 0 13 90 0 0 0 0 13 8 0 0 5 15 7 6 14				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method



M12 male straight overmold plug connector





Technical parameters

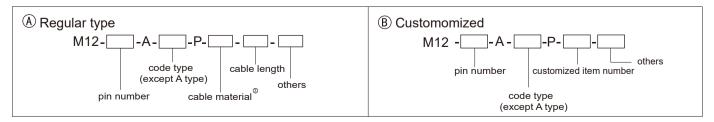
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/1P68
Mating cycle	≥500次
Cable diameter	

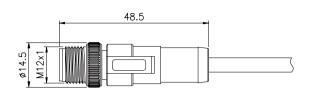
■ Electric parameter

pin		code	type		rated	rated	voltage	cable	e size	cable	Fodo ovoible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Ends avaible
2	301				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 4		PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option
4	2 0 0 1 3 0 4		3 O O 1	2 0 0 1 3 0 0 4	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends
5	2 0 1 0 0 05 0 0 4	1 0 0 2 0 5 0 5 4 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	- Your other needs
6	3 0 0 7 4 0 6		PE 4 0 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 0 0 7 0 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 3 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 13 30 0 0 10 40 0 0 0 0 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method







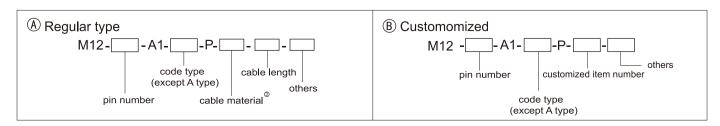
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

■ Electric parameter

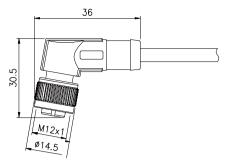
pin		code	type		rated	rated v	voltage	cable	e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Endo avalbio
2	3001				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 4		PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 3 0 0 4		3 O O 1	2 0 0 1 3 0 0 4	4A	250V	250V	22	0.34	PVC/PUR	Custom MadeStrip & Tin endsYour other needs
5	2 0 0 1 0 5 0 0 4	1 0 0 2 0 5 0 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	- rour other needs
6	3 0 0 7 4 0 6		PE 4 0 0 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 0 0 7 0 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	30000 30000 40000 8 111507				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 1 11 13 3 0 0 0 0 10 16 5 0 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method



M 1 2





Technical parameters

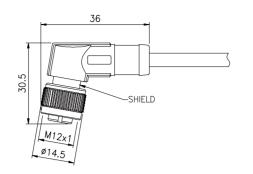
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

Electric parameter

pin		code	type		rated	rated	voltage	cable	e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	1 0 0 3				4A	250V	250V	22	0.34	PVC/PUR	
3	1 0 0 0 3		PE O O 2		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 0 0 3		3 (O O) 1	1 0 0 2 4 0 0 5 3	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PE 2 0 0 4 0 0 5		4A	60V	60V	22	0.34	PVC/PUR	
6	7 0 0 3 6 0 4		2 0 0 4 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 17 11 16 10 0 0 0 3 16 10 0 0 0 0 1 8 0 0 0 0 1 15 7 6 14				1.5A	30V	30V	26	0.14	PVC/PUR	





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	

Electric parameter

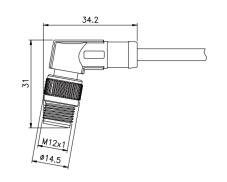
pin	code type				voltage	cable size		cable	Ends avaible		
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Endo avaibio
2	1 0 o o 3				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 0 0 3		3 (O O) 1	1 0 0 2 4 0 0 5 3	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	1 0 0 2 0 5 0 5 0 3	2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 O O 4		4A	60V	60V	22	0.34	PVC/PUR	Tour other needs
6	1 0 0 0 3 6 0 0 4		2 PE 2 0 0 4 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 0 0 0 0 0 0 0 1 1 1 2 3 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 2 12 16 10 0 0 0 0 1 13 90 0 0 0 0 1 13 8 7 6 14				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method



M12 male angled overmold plug connector





Technical parameters

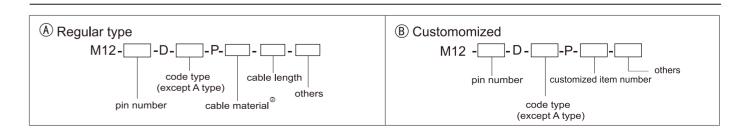
Copper/Zinc
PA66
PVC/TPU [®]
Phosphor copper
-40°C∼+80°C

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

■ Electric parameter

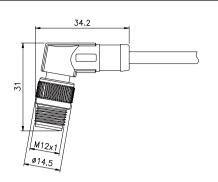
pin	code type		rated	rated	rated voltage		e size	cable	Ends avaible		
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	3001				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 0 4		PE 0 0 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 3 0 4		3 O O 1	2 0 0	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 1 0 5 0 0 4	1 0 0 2 0 5 4 0 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	Tour other riceus
6	3 0 0 7 4 0 6		PE 4 0 0 2 6 0 0 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 0 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 0 0 0 9 4 0 0 0 8 11 5 6 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 1 11 13 3 3 3 3 3 3 3 3 3 3 3 3 3 3				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method



M12 male angled overmold 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	

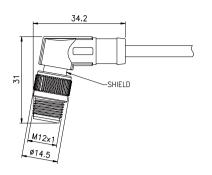
■ Electric parameter

pin		code	type		rated	rated	rated voltage		-		cable size cab		Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Liids avaible		
2	301				4A	250V	250V	22	0.34	PVC/PUR			
3			PE 0 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut		
4	2 0 0 1 3 0 4		3 O O 1	2 0 0 1 3 0 0 4	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs		
5	2 0 05 05 0 0 4	1 0 0 2 0 5 0 5 4 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	- Tour other needs		
6	3 0 0 0 7 4		PE 4 0 2 6 0 1		2A	30V	30V	24	0.25	PVC/PUR			
8	3 0 0 0 0 08 0 4 0 6				2A	30V	30V	24	0.25	PVC/PUR			
12	3 3 0 0 0 0 0 8 11 5 6 7				1.5A	30V	30V	26	0.14	PVC/PUR			
17	17 12 111 13 3 0 0 0 0 10 10 4 0 0 0 0 0 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR			

Order method







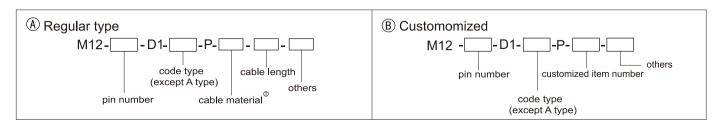
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [©]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

Electric parameter

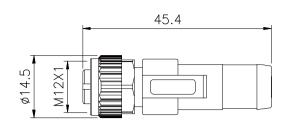
pin		code	type		rated	rated v	ated voltage		•		cable	Endo avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Ends avaible	
2	3 0 1				4A	250V	250V	22	0.34	PVC/PUR		
3	3 0 0 4		PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option	
4	2 0 0 1 3 0 4		3 O O 1	2 0 0	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends	
5	2 0 1 0 5 05 0 4	1 0 0 2 0 5 0 5 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	- Your other needs	
6	3 0 0 7 4 0 6		PE 4 0 0 2 6 0 0 1		2A	30V	30V	24	0.25	PVC/PUR		
8	3 0 08 0 4 0 6				2A	30V	30V	24	0.25	PVC/PUR		
12	3 3 0 0 9 4 0 0 0 8 11 5 6 7				1.5A	30V	30V	26	0.14	PVC/PUR		
17	17 12 1 11 13 3 0 0 0 10 4 0 0 0 0 0 0 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR		

Order method



M12 female Terminating resistor connector





■ Technical parameters

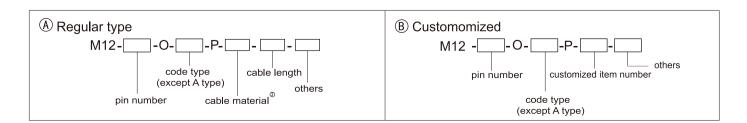
M 1 2

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

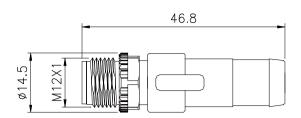
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

■ Electric parameter

pin number	Δ.	code t		Б	rated		/oltage		size	cable	Ends avaible
Humber	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	1 0 0 3				4A	250V	250V	22	0.34	PVC/PUR	
3	1000				4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 4 0 0 3			1 0 0 2 4 0 0 5 3	4A	60V	60V	22	0.34	PVC/PUR	Custom MadeStrip & Tin endsYour other needs
5	1 0 0 2 0 0 0 0 0 0 3	2 0 0 1 0 0 5 0 0 0 4			4A	60V	60V	22	0.34	PVC/PUR	- Your other needs
6	7 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	







M 1 2

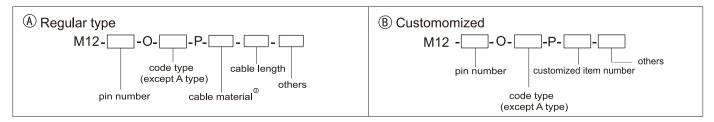
Technical parameters

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

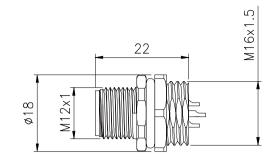
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

■ Electric parameter

pin		code ty	уре		rated	rated \	rated voltage		rated voltage		size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material			
2	3001				4A	250V	250V	22	0.34	PVC/PUR			
3	3 0 0 4				4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut		
4	2 0 0 1			2 0 0 1 3 0 0 4	4A	60V	60V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs		
5	2 0 0 0 5 0 0 4	1 0 0 2 0 5 0 5 0 3			4A	60V	60V	22	0.34	PVC/PUR			
6	3 0 0 7				2A	30V	30V	24	0.25	PVC/PUR			
8	3 0 0 0 7 0 0 0 0 7 4 0 0 6				2A	30V	30V	24	0.25	PVC/PUR			





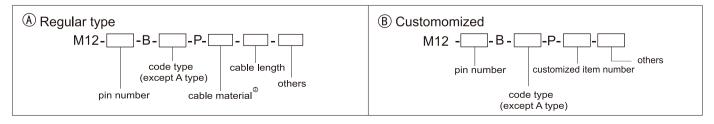


Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

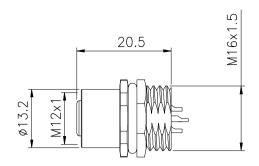
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

■ Electric parameter

pin		code type			rated	rated voltage		cable	e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	3 0 1				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 0 4		PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1		3 O O 1	2 0 0	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 1 0 5 0 5 0 4	1 0 0 2 0 5 0 5 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	. 23. 35. 113345
6	3 0 0 7 4 0 6		PE 4 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 08 0 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 3 0 0 0 0 0 8 11 5 6 7				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 13 3 0 0 0 10 13 4 0 0 0 0 0 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	







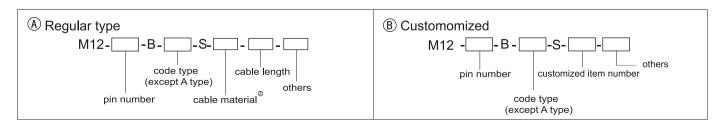
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

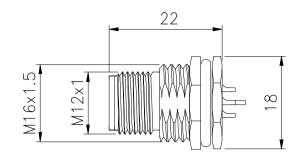
Electric parameter

pin	code type		rated rated voltage		cable size		cable	Ends avaible			
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	10003				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 4 0 0 3		3 (O O) 1	1 0 0 2 4 0 0 3	4A	250V	250V	22	0.34	PVC/PUR	Custom MadeStrip & Tin endsYour other needs
5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 1 0 5 0 5 0 0 4	PE 2 0 0 4 0 0 5		4A	60V	60V	22	0.34	PVC/PUR	
6	7 0 0 3 6 0 4		2 0 0 4 0 0 5 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 3 8 0 0 0 4 12 7 6 5				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 12 12 16 100 0 0 0 3 13 8 0 0 0 5 15 7 6 14				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method







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

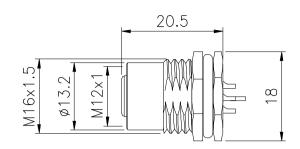
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

Electric parameter

pin	code type				rated	rated	voltage	cable	e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	3001				4A	250V	250V	22	0.34	PVC/PUR	
3			PE 0 0 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 3 0 0 4		3 O O 1	2 0 0	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 1 0 5 0 0 4	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	
6	3 0 0 7 4 0 6		PE 4 0 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 0 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	30009 400008 11156712				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 1 11 13 30 0 0 010 40 0 0 010 50 0 0 0 50 0 0 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	







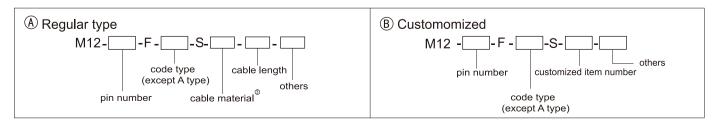
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [©]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/1P68
Mating cycle	≥500次
Cable diameter	

■ Electric parameter

pin		code type						cable size			Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Enus avaible
2	1 0 0 3				4A	250V	250V	22	0.34	PVC/PUR	
3	100 0 03		PE O O O		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option
4	1 0 0 2 4 0 0 3		3 (O O) 1	1 0 0 2 4 0 0 5 3	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	1 0 0 2 0 0 0 0 0 3	2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PE 2 0 0 4 0 5		4A	60V	60V	22	0.34	PVC/PUR	- Your other needs
6	7 0 0 3 6 0 4		2 0 0 0 5		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 0 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 2 12 16 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				1.5A	30V	30V	26	0.14	PVC/PUR	

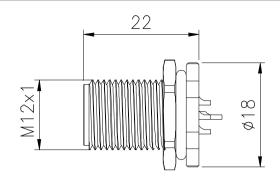
Order method



M1<u>2</u>

M12 male back mount PCB socket connector





Technical parameters

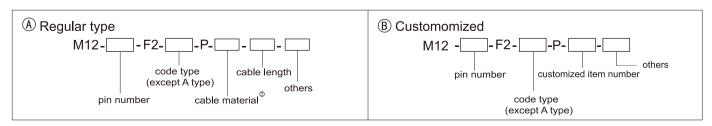
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

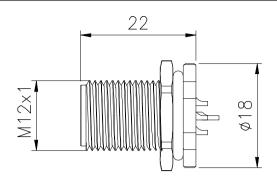
Electric parameter

pin	code type		code type rated rated voltage		cable size		cable	Ends avaible			
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Liids avaibic
2	3001				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 4		PE 0 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 3 0 0 4		3 O O 1	2 0 0	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 1 0 5 0 0 4	1 0 0 2 0 5 0 5 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	- Tour other needs
6	3 0 0 0 7 4 6		PE 4 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 08 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 0 0 9 4 0 0 0 8 11 5 6 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method







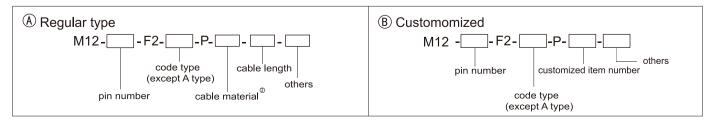
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

Electric parameter

pin		code	type		rated	rated	voltage	cable	e size		Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Erius avaible
2	301				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 0 4		PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option
4	2 0 0 1 3 0 4		3 O O 1	2 0 0 1	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 1 0 5 0 0 4	1 0 0 2 0 5 0 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	- Your other needs
6	3 0 0 7 4 0 6		PE 4 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 08 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 3 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 111 13 3 0 0 0 0 10 40 0 0 0 0 9 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method



M12

22

Technical parameters

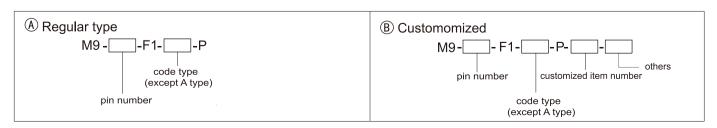
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

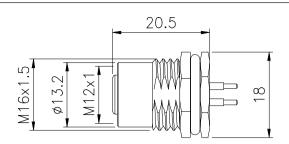
■ Electric parameter

pin		code	type		rated	0		cable size		cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	301				4A	250V	250V	22	0.34	PVC/PUR	
3			PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 0 0 4		3 O O 1	2 0 0 1	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 1 0 05 0 0 4	1 0 0 2 0 5 0 5 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	
6	3 0 0 7 4 0 6		PE 4 0 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 08 0 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 0 0 0 0 0 0 0 0 0 0 0 0 0				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 13 3 0 0 0 10 13 4 0 0 0 0 9 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method







M 1 2

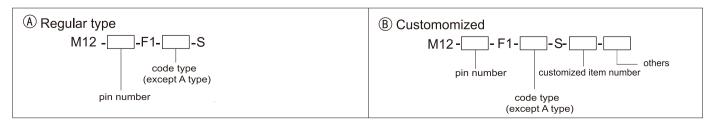
Technical parameters

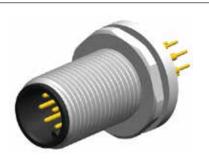
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [©]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

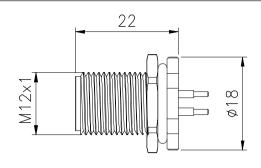
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

Electric parameter

pin		code	type		rated	rated	voltage	cable	e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	10003				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O 2		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 0 0 3		3 (OO) 1	1 0 0 2	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	1 0 0 2 0 5 0 5 3	2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PE 2 0 0 4 1 0 5		4A	60V	60V	22	0.34	PVC/PUR	
6	7 0 0 3 6 0 4		2 PE 2 0 4 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 2 12 16 100 0 0 0 3 13 15 7 6 14				1.5A	30V	30V	26	0.14	PVC/PUR	





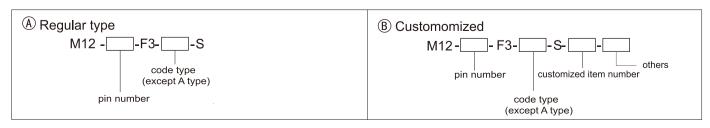


Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [©]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

■ Electric parameter

pin		code type			rated	rated v	rated voltage		e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	21100 0101010
2	3 0 1				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 4		PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1		3 O O 1	2 0 0 1	4A	250V	250V	22	0.34	PVC/PUR	Custom Made - Strip & Tin ends - Your other needs
5	2 0 05 05 0 0 4	1 0 0 2 0 5 0 0 3	PE 4 0 0 2 0 5 1		4A	60V	60V	22	0.34	PVC/PUR	Todi other recas
6	3 0 0 0 4 0 6		PE 4 0 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 08 0 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 3 3 3 3 4 4 5 6 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 13 30 0 0 10 13 40 0 0 0 0 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	





20 14 20

Technical parameters

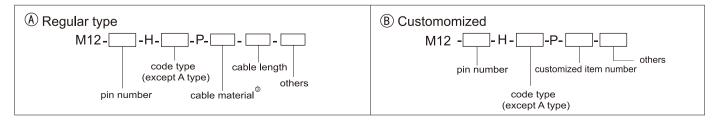
Shell material	Copper/Zinc				
Core material	PA66				
Overmold material	PVC/TPU [®]				
Terminal material	Phosphor copper				
Temperature	-40°C∼+80°C				

Insulation resistance	≥100mΩ	
Contact resistance	≤10mΩ	
Degree of protection	IP67/1P68	
Mating cycle	≥500次	
Cable diameter		

Electric parameter

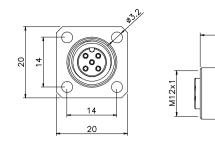
pin	code type				rated	rated	rated voltage		e size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	301				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 4		PE 0 0 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 3 0 0 4		3 O O 1	2 0 0 1	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 2 0 5 0 0 3	PE 4 0 0 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	- Tour other riceus
6	3 0 0 0 0 7		PE 4 0 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 08 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	2 10 3 0 0 0 9 4 0 0 0 8 11 5 6 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 13 3 0 0 0 10 40 0 0 0 9 16 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method



M12 female square flange socket connector





Technical parameters

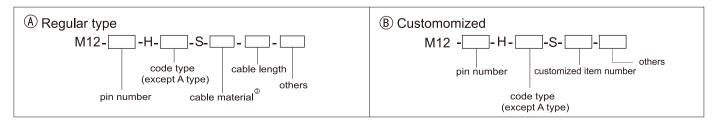
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

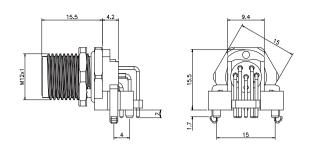
■ Electric parameter

pin		code type			rated	rated	voltage	cable size		cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Ends avaible
2	100				4A	250V	250V	22	0.34	PVC/PUR	
3	1 0 0 0 3		PE O O 2		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	10002		3 (O O 1	1000	4A	250V	250V	22	0.34	PVC/PUR	Custom MadeStrip & Tin endsYour other needs
5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 O 4 0 5		4A	60V	60V	22	0.34	PVC/PUR	Toda otalor riocad
6	7 0 0 3 6 0 0 4		2 0 0 4 0 0 5 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 2 12 16 10 0 0 0 3 16 9 0 0 0 4 8 0 0 5 15 7 6 14				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method







M 1 2

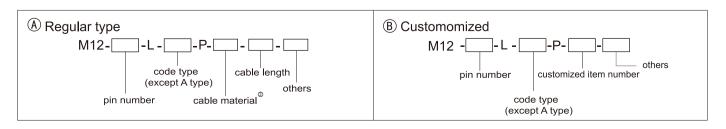
■ Technical parameters

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

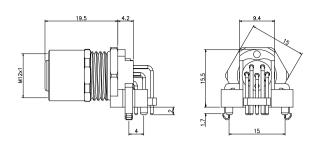
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

Electric parameter

pin	code type		rated	rated	rated voltage		size		Ends avaible		
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	301				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 4				4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 3 0 0 4			2 0 0 1 3 0 0 4	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 1 0 5 0 0 4	1 0 0 2 0 5 0 5 0 3			4A	60V	60V	22	0.34	PVC/PUR	- rour other riceds
6	3 0 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 08 0 7 4 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	2 10 1 3 0 0 0 9 4 0 0 0 8 11 5 0 7 12				1.5A	30V	30V	26	0.14	PVC/PUR	





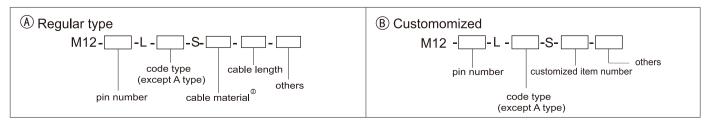


Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

Electric parameter

pin	code type					voltage	cable size		cable	Ends avaible	
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	Eliao avaibio
2	1 0 0 3				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O 2		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 0 0 3		3 (O O) 1	1 0 0 2 4 0 0 5 3	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PE 2 0 0 4 1 5 5		4A	60V	60V	22	0.34	PVC/PUR	- Tour other needs
6	7 0 0 3 6 0 4		PE 2 0 4 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	



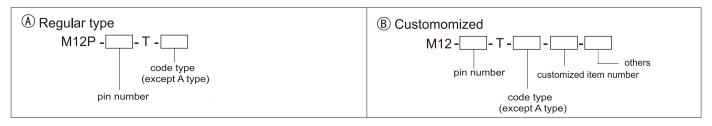


Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

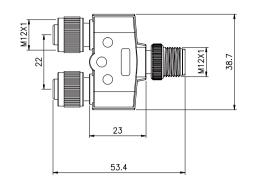
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/IP68
Mating cycle	≥500次
Cable diameter	

■ Electric parameter

pin		code	type	I	rated	rated	voltage	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	1 0 0 3				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 0 0 3		3 (O O) 1	1 0 0 2 0 0 5 4 0 3	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 1 0 0 5 0 0 4	PE 2 0 0 4 1 0 5		4A	60V	60V	22	0.34	PVC/PUR	
6	7 0 0 3 6 0 4		20004 00056		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	





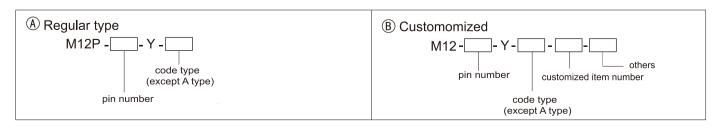


Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

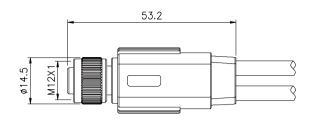
Insulation resistance	≥100mΩ	
Contact resistance	≤10mΩ	
Degree of protection	IP67/IP68	
Mating cycle	≥500次	
Cable diameter		

■ Electric parameter

pin		code type				rated voltage		rated voltage		rated voltage		cable size		cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material					
2	1 0 0 3				4A	250V	250V	22	0.34	PVC/PUR					
3	1000		PE O O 2		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut				
4	1 0 0 2 0 0 3		3 (O O) 1	1 0 0 2 0 0 5 4 0 5	4A	250V	250V	22	0.34	PVC/PUR	Custom MadeStrip & Tin endsYour other needs				
5	1 0 0 2 0 0 0 4 0 0 3	2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PE 2 0 0 4 1 0 5		4A	60V	60V	22	0.34	PVC/PUR					
6	7 0 0 3 6 0 4		PE 2 0 0 4 6		2A	30V	30V	24	0.25	PVC/PUR					
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR					







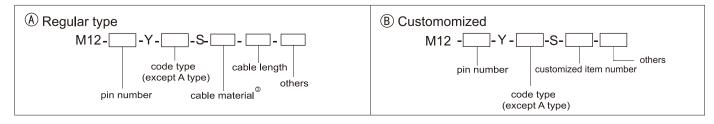
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

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

■ Electric parameter

pin		code type				rated	voltage	cable size		cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	1 0 0 3				4A	250V	250V	22	0.34	PVC/PUR	
3	1000		PE O O O		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	1 0 0 2 4 0 0 3		3 (OOO) 1	1 0 0 2 4 0 5 3	4A	250V	250V	22	0.34	PVC/PUR	Custom MadeStrip & Tin endsYour other needs
5	1 0 0 2 0 5 0 5 3	2 0 0 1 0 5 0 0 4	PE 2 0 0 4 1 0 5		4A	60V	60V	22	0.34	PVC/PUR	. 23. 24.3. 1.2340
6	7 0 0 3 6 0 4		PE 2 0 4 6		2A	30V	30V	24	0.25	PVC/PUR	
8	7 0 0 0 3 6 0 0 4				2A	30V	30V	24	0.25	PVC/PUR	
12	9 0 0 3 8 0 0 0 4 12 7 6 5 11				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 11 2 12 16 10 0 0 0 0 3 16 10 0 0 0 0 0 1 8 0 0 5 15 7 6 14				1.5A	30V	30V	26	0.14	PVC/PUR	

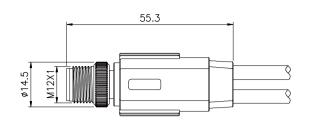
Order method



M12

M12 male Y type splitter overmold cable connector





Technical parameters

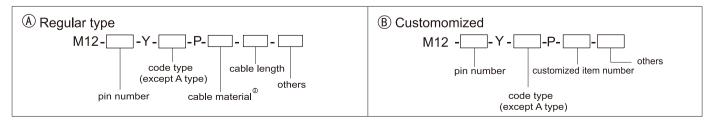
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-40°C∼+80°C

≥100mΩ
≤10mΩ
IP67/IP68
≥500次

■ Electric parameter

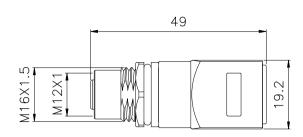
pin	code type				rated	rated	voltage	cable	size		Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
2	301				4A	250V	250V	22	0.34	PVC/PUR	
3	3 0 4		PE O O 3		4A	250V	250V	22	0.34	PVC/PUR	- Teflon Cable option - Ends cut
4	2 0 0 1 3 0 4		3 O O 1	2 0 0 1 0 0 0 4	4A	250V	250V	22	0.34	PVC/PUR	- Custom Made - Strip & Tin ends - Your other needs
5	2 0 0 0 5 0 3	1 0 0 2 0 5 0 0 3	PE 4 0 2 2 5 1		4A	60V	60V	22	0.34	PVC/PUR	
6	3 0 0 7 4 0 6		PE 4 0 0 2 6 5 1		2A	30V	30V	24	0.25	PVC/PUR	
8	3 0 0 08 0 7 0 0 6				2A	30V	30V	24	0.25	PVC/PUR	
12	3 3 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1				1.5A	30V	30V	26	0.14	PVC/PUR	
17	17 12 17 22 11 13 30 9 10 14 9 9 10 5 0 0 8 14 6 7 15				1.5A	30V	30V	26	0.14	PVC/PUR	

Order method



M12 female/RJ45 straight adapter connector





M 1 2

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	IP67/1P68	
Mating cycle	≥500次	
Cable diameter		

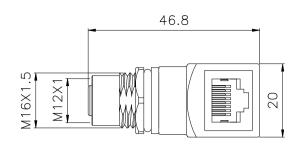
Electric parameter

pin		code type		rated	rated	voltage	cable	size		Ends avaible	
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
				3604							- Teflon Cable option
4					4A	250V	250V	22	0.34		Ends cut
	1,002										Custom Made
8	7(0 080)3				2A	30V	30V	24	0.25		- Strip & Tin ends
	6 0 4										- Your other needs



M12 female/RJ45 angled adapter connector





Technical parameters

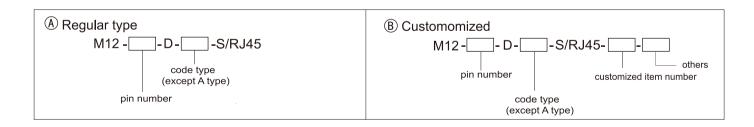
M 1 2

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	

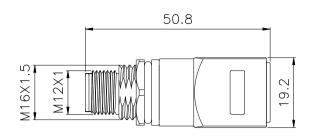
■ Electric parameter

pin		code	type		rated	rated	voltage	cable	size		Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
				3604							- Teflon Cable option
4					4A	250V	250V	22	0.34		- Ends cut
											- Custom Made
8	7 0 0 0 3				2A	30V	30V	24	0.25		- Strip & Tin ends
	6 0 4										- Your other needs



M12 male/RJ45 straight adapter connector





M 1 2

■ 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	IP67/1P68
Mating cycle	≥500次
Cable diameter	

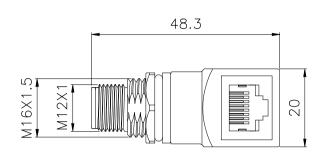
Electric parameter

pin		code	type		rated	rated	voltage	cable	size	cable	Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
				3 4							- Teflon Cable option
4					4A	250V	250V	22	0.34		- Ends cut
	1002										- Custom Made
8	7 0 08 0 3				2A	30V	30V	24	0.25		- Strip & Tin ends
	5 4										- Your other needs



M12 male/RJ45 angled adapter connector





■ Technical parameters

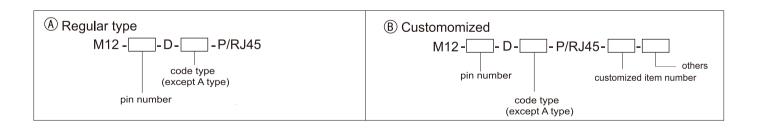
Insulation resistance	≥100mΩ
Contact resistance	≤10mΩ
Degree of protection	IP67/1P68
Mating cycle	≥500次
Cable diameter	

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

■ Electric parameter

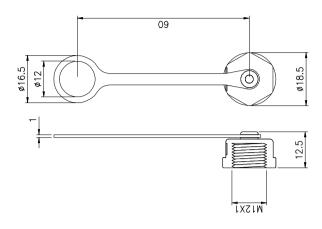
pin	code type				rated	rated	voltage	cable	size		Ends avaible
number	Α	В	С	D	current	A/C	D/C	AWG	mm²	material	
				3 4							- Teflon Cable option
4					4A	250V	250V	22	0.34		- Ends cut
	1 2			2 0 1							- Custom Made
8	7 0 08 0 3				2A	30V	30V	24	0.25		- Strip & Tin ends
	6 5 4										- Your other needs

Order method



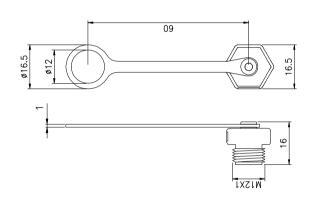
M 1 2





M12 dust cap (external thread)

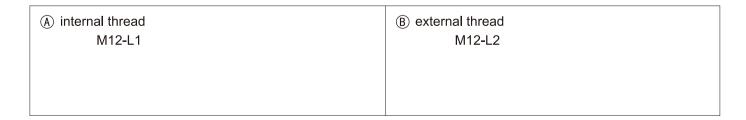




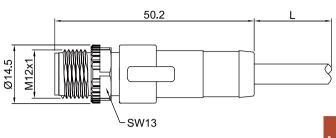
Technical parameters

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

Technical parameters

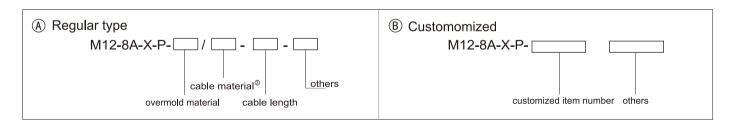
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-20°C∼+80°C

≥100mΩ
≤ 5mΩ
IP67/IP68
IEC61076-2-109
CAT6A Ethernet

■ Electric parameter

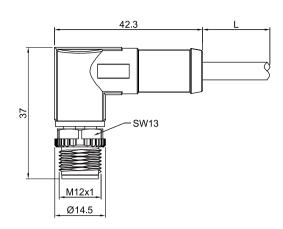
pin	code type	rated	rated	voltage	cab	le size	cable	Ends avaible
number	Χ	current	A/C	D/C	AWG	mm²	material	
8	6 4 3 7 8 2	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	 - Teflon Cable option - Ends cut - Custom Made - Strip & Tin ends

Order method



Noted





■ Technical parameters

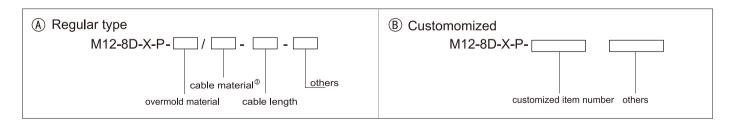
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	−20°C~+80°C

≥100mΩ
≤ 5mΩ
IP67/IP68
IEC61076-2-109
CAT6A Ethernet

Electric parameter

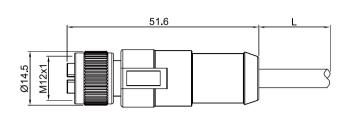
pin	code type	rated	rated	voltage	cab	le size	cable	Ends avaible
number	X	current	A/C	D/C	AWG	mm²	material	
8	6 4 3 7 8 1 2	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	Cat 5 & Cat 6RJ45 8P8C & RJ12Custom MadeStrip & Tin ends

Order method



Noted





Technical parameters

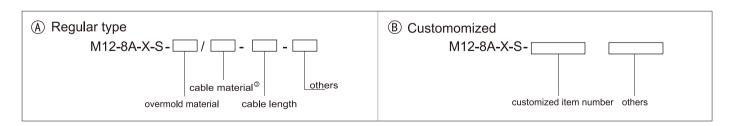
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	−20°C~+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤ 5mΩ
Degree of protection	IP67/IP68
Implementation standard	IEC61076-2-109
Agreement	CAT6A Ethernet

Electric parameter

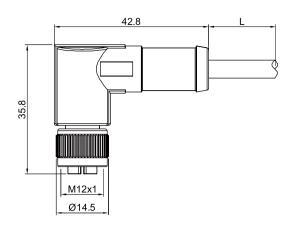
pin	code type	rated	rated	voltage	cab	le size	cable	Ends avaible
number	X	current	A/C	D/C	AWG	mm²	material	
8	3 5 6 2 7	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	- Cat 5 & Cat 6 - RJ45 8P8C & RJ12 - Custom Made - Strip & Tin ends

Order method



Noted





Technical parameters

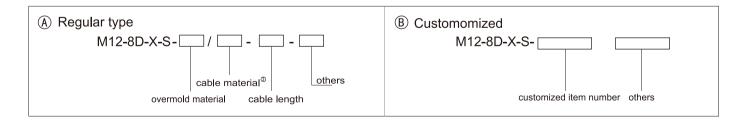
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	-20°C∼+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤ 5mΩ
Degree of protection	IP67/IP68
Implementation standard	IEC61076-2-109
Agreement	CAT6A Ethernet

■ Electric parameter

pin	code type	rated	rated	voltage	cab	le size	cable	Ends avaible
number	X	current	A/C	D/C	AWG	mm²	material	
8	3 5 6 2 7	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	Cat 5 & Cat 6RJ45 8P8C & RJ12Custom MadeStrip & Tin ends

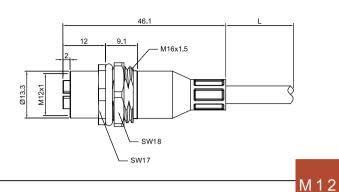
Order method



Noted

M12 female front mount socket connector (X code)





Technical parameters

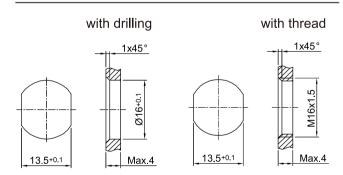
Shell material	Copper/Zinc
Core material	PA66
Overmold material	PVC/TPU [®]
Terminal material	Phosphor copper
Temperature	−20°C~+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤ 5mΩ
Degree of protection	IP67/IP68
Implementation standard	IEC61076-2-109
Agreement	CAT6A Ethernet

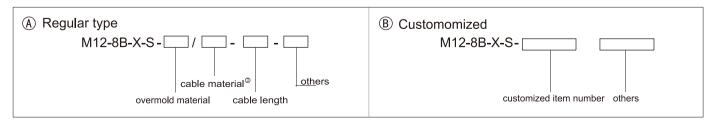
Electric parameter

pin	code type	rated	rated	voltage	cab	le size	cable	Ends avaible
number	X	current	A/C	D/C	AWG	mm²	material	
8	3 4 5 6 2 7 7	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	- Cat 5 & Cat 6 - RJ45 8P8C & RJ12 - Custom Made - Strip & Tin ends

■ Hole size



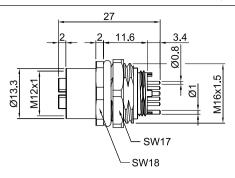
Order method



Noted

M12 female front mount PCB socket connector (X code)





M 1 2

Technical parameters

Shell material	Copper/Zinc
Core material	PA66
Overmold material	FKM
Terminal material	Copper plating
Temperature	−20°C~+80°C

Insulation resistance	≥100mΩ
Contact resistance	≤ 5mΩ
Degree of protection	IP67/IP68
Implementation standard	IEC61076-2-109
Agreement	CAT6A Ethernet

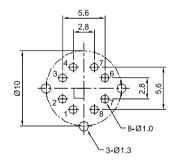
■ Electric parameter

pin	code type	rated	rated	voltage	cab	le size	cable	Ends avaible
number	X	current	A/C	D/C	AWG	mm²	material	Zildo avalibio
8	3 4 5 6 2 7 7	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	- Cat 5 & Cat 6 - RJ45 8P8C & RJ12 - Custom Made - Strip & Tin ends

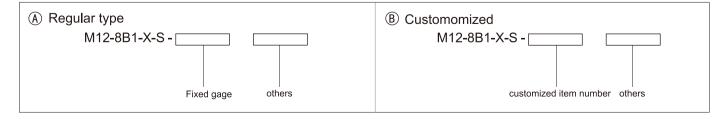
Hole size

with drilling with thread 1x45° 1x45° 1x45° Max.4 13.5+0.1 Max.4

■ PCB hole position



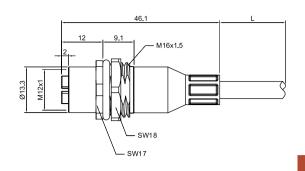
Order method



Noted

M12 female back mount socket connector(X code)





Technical parameters

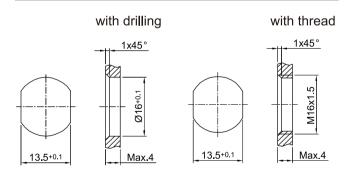
Shell material	Copper/Zinc
Core material	PA66
Overmold material	FKM
Terminal material	Copper plating
Temperature	−20°C~+80°C

Insulation resistance	≥100mΩ
insulation resistance	21001122
Contact resistance	≤ 5mΩ
Degree of protection	IP67/IP68
Implementation standard	IEC61076-2-109
Agreement	CAT6A Ethernet

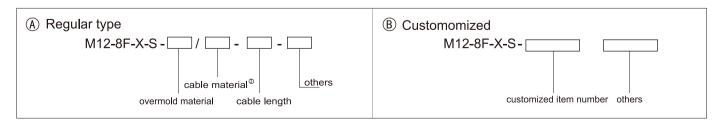
Electric parameter

pin	code type	rated	rated	voltage	cab	le size	cable	Ends avaible
number	X	current	A/C	D/C	AWG	mm²	material	
8	3 5 6 7	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	- Cat 5 & Cat 6 - RJ45 8P8C & RJ12 - Custom Made - Strip & Tin ends

Hole size



Order method

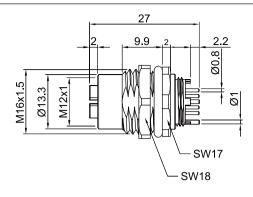


Noted

M 1 2

M12 female back mount PCB socket connector(X code)





Technical parameters

M 1 2

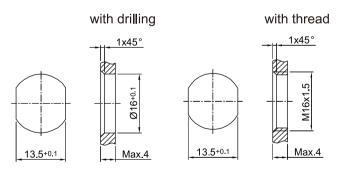
Shell material	Copper/Zinc
Core material	PA66
Overmold material	FKM
Terminal material	Copper plating
Temperature	−20°C~+80°C

≥100mΩ(兆欧)				
≤5mΩ(毫欧)				
IP67/IP68				
IEC61076-2-109				
CAT6A Ethernet				

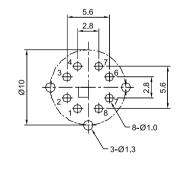
Electric parameter

pin	code type	rated	rated	voltage	cab	le size	cable	le Ends avaible	
number	X	current	A/C	D/C	AWG	mm²	material		
8	3 5 6 7	0.5A	50V	60V	26~24	0.14~0.25	PVC/PUR	- Cat 5 & Cat 6 - RJ45 8P8C & RJ12 - Custom Made - Strip & Tin ends	

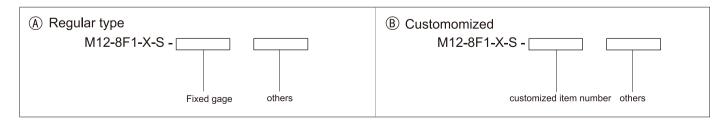
Hole size



■ PCB hole position



Order method



Noted