

M8 Circular Connector

30/60V 4A

Technical characteristics

	3-pole	4-pole
Rated current(40°C)	4A	4A
Rated voltage	60V	30V
Rated impulse voltage	800V	800V
Pollution degree	3	3
Overvoltage categorie	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	solder	solder
Termination	dip solder	dip solder
Wire gauge	-	-
Cable outlet	-	-
Degree of protection	IP67	IP67
Mechanical operation	> 100	> 100
Limiting temperature	-40°C ...+85°C	-40°C ...+85°C
Material group	II	II
Material of contact	copper alloy	copper alloy
Contact plating	Au	Au
Insulating material	PA	PA
Material of housing	CuZn	CuZn

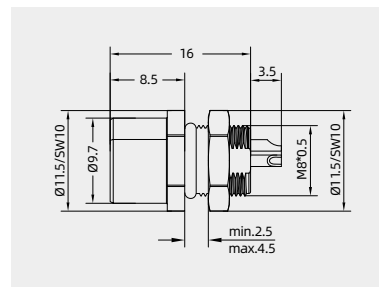
Socket

Female panel mount connector,
solder

Contact arrangements



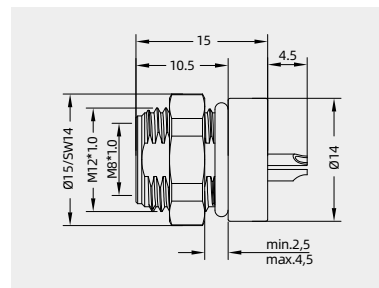
Contacts	Thread	Designation	Order No.
3	M8	M8-F03-BK-M8-C	162 003 302 2500
4	M8	M8-F04-BK-M8-C	162 004 302 2500

Female panel mount connector,
front fastened,solder

Contact arrangements



Contacts	Thread	Designation	Order No.
3	M8	M8-F03-BKR-M12-C	162 003 302 2501
4	M8	M8-F04-BKR-M12-C	162 004 302 2501



M8