

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	screw	screw
Termination	dip solder, single-strand 0.25mm ²	dip solder, single-strand 0.25mm ²
Wire gauge	0.25mm ² (AWG24)	0.25mm ² (AWG24)
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

Male panel mount connector
with single wires 0.25mm²
length 0.2m

Recommend to use



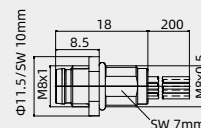
Contact arrangements



3pin 4pin

Contacts	Thread	Designation	Order No.
3	M8	M8-M03-BK-M8-W0.25	162 003 301 4001
4	M8	M8-M04-BK-M8-W0.25	162 004 301 4001

Customized cable length upon request



Male panel mount connector,
front fastened, with single wires
0.25mm²
length 0.2m



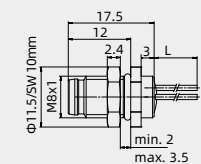
Contact arrangements



3pin 4pin

Contacts	Thread	Designation	Order No.
3	M8	M8-M03-BKR-M8-W0.25	162 003 301 4011
4	M8	M8-M04-BKR-M8-W0.25	162 004 301 4011

Customized cable length upon request



Male panel mount connector,
front fastened, dip solder



Contact arrangements



3pin 4pin

Contacts	Thread	Designation	Order No.
3	M8	M8-M03-BKR-M8-D	162 003 314 1011
4	M8	M8-M04-BKR-M8-D	162 004 314 1011

