

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	-	-
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
with single wires 0.25mm²
length 0.2m

Contacts	Thread	Designation	Order No.
3	M8	M8-F03-BK-M8-W0.25	162 003 302 4001
4	M8	M8-F04-BK-M8-W0.25	162 004 302 4001



Contact arrangements



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

Contacts	Thread	Designation	Order No.
3	M8	M8-F03-BKR-M8-W0.25	162 003 302 4011
4	M8	M8-F04-BKR-M8-W0.25	162 004 302 4011



Contact arrangements



Female panel mount connector,
front fastened, with single wires

Contacts	Contact length A	Thread	Designation	Order No.
3	9.5 mm	M8	M8-F03-BKR-M8-D9.5	162 003 324 1013
	4.7 mm	M8	M8-F03-BKR-M8-D4.7	162 003 324 1012
	0.5 mm	M8	M8-F03-BKR-M8-D0.5	162 003 324 1011
4	9.5 mm	M8	M8-F04-BKR-M8-D9.5	162 004 324 1013
	4.7 mm	M8	M8-F04-BKR-M8-D4.7	162 004 324 1012
	0.5 mm	M8	M8-F04-BKR-M8-D0.5	162 004 324 1011



Contact arrangements

