

M12-B Circular Connector

125/250V 4A

Technical characteristics

	4-pole	5-pole
Rated current(40°C)	4A	4A
Rated voltage	250V	125V
Rated impulse voltage	2500V	1500V
Pollution degree	3	3
Overvoltage categorie	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	Thread	Thread
Termination	solder,single-strand wires	solder,single-strand wires
Wire gauge	max.0.75mm ² (AWG18)	max.0.75mm ² (AWG18)
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	zinc diecasting nickel plated	zinc diecasting nickel plated

Socket

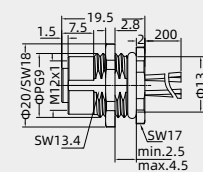
Female panel mount connector,
front fastened, with single wires,
0.25mm²/length 0.2m



B-Code



Contacts	Thread	Designation	Order No.
4	PG9	M12-F04B-BKR-PG9-W0.25	163 004 302 4517
	M16x1.5	M12-F04B-BKR-M16-W0.25	163 004 302 4518
5	PG9	M12-F05B-BKR-PG9-W0.25	163 005 302 4512
	M16x1.5	M12-F05B-BKR-M16-W0.25	163 005 302 4513



Customized cable length upon request

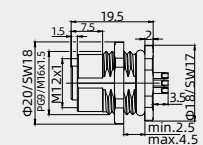
Female panel mount connector,
solder, front fastened



B-Code



Contacts	Thread	Designation	Order No.
4	PG9	M12-F04B-BKR-PG9-C	163 004 323 1012
	M16x1.5	M12-F04B-BKR-M16-C	163 004 323 1013
5	PG9	M12-F05B-BKR-PG9-C	163 005 323 1012
	M16x1.5	M12-F05B-BKR-M16-C	163 005 323 1013



Female panel mount connector,
dip solder, front fastened



B-Code



Contacts	Thread	Designation	Order No.
4	PG9	M12-F04B-BKR-PG9-D	163 004 324 1012
	M16x1.5	M12-F04B-BKR-M16-D	163 004 324 1013
5	PG9	M12-F05B-BKR-PG9-D	163 005 324 1012
	M16x1.5	M12-F05B-BKR-M16-D	163 005 324 1013

