

M12-A Circular Connector

60/125/250V 2/4A

Technical characteristics

	4-pole	5-pole	8-pole
Rated current (40°C)	4A	4A	2A
Rated voltage	250V	125V	60V
Rated impulse voltage	2500V	1500V	800V
Pollution degree	3	3	3
Overvoltage categorie	II	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	screw M12x1	screw M12x1	screw M12x1
Termination	dip solder	dip solder	dip solder
Wire gauge	-	-	-
Cable outlet	-	-	-
Degree of protection	IP67	IP67	IP67
Mechanical operation	> 100	> 100	> 100
Limiting temperature	-40°C ...+85°C	-40°C ...+85°C	-40°C ...+85°C
Material group	II	II	II
Material of contact	copper alloy	copper alloy	copper alloy
Contact plating	Au	Au	Au
Insulating material	PA	PA	PA
Material of housing	zinc diecasting nickel plated	zinc diecasting nickel plated	zinc diecasting nickel plated

Socket

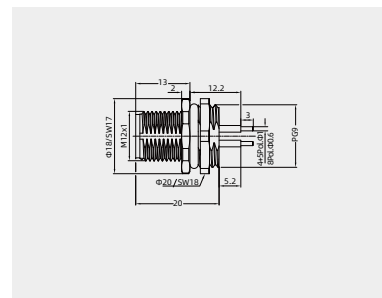
Male panel mount connector, dip solder



A-Code



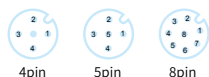
Contacts	screw	Designation	Order No.
4	PG9	M12-M04A-BK-PG9-D	163 004 314 1001
	M16x1.5	M12-M04A-BK-M16-D	163 004 314 1002
5	PG9	M12-M05A-BK-PG9-D	163 005 314 1001
	M16x1.5	M12-M05A-BK-M16-D	163 005 314 1002
8	PG9	M12-M08A-BK-PG9-D	163 008 314 1001
	M16x1.5	M12-M08A-BK-M16-D	163 008 314 1002



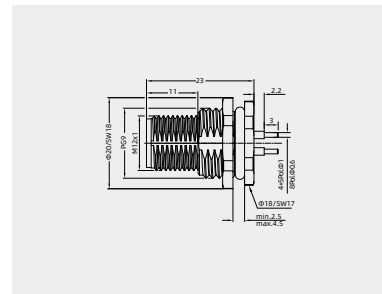
Male panel mount connector, front fastened, dip solder



A-Code



Contacts	screw	Designation	Order No.
4	PG9	M12-M04A-BKR-PG9-D	163 004 314 1011
	M16x1.5	M12-M04A-BKR-M16-D	163 004 614 1001
5	PG9	M12-M05A-BKR-PG9-D	163 005 314 1011
	M16x1.5	M12-M05A-BKR-M16-D	163 005 614 1001
8	PG9	M12-M08A-BKR-PG9-D	163 008 314 1011
	M16x1.5	M12-M08A-BKR-M16-D	163 008 614 1001



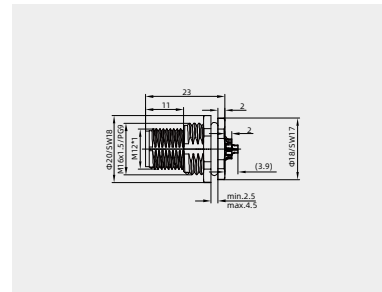
Male panel mount connector, Solder terminal



A-Code



Contacts	screw	Designation	Order No.
12	PG9	M12-M12A-BKR-PG9-C	163 012 313 1502
	M16x1.5	M12-M12A-BKR-M16-C	163 012 313 1503



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