

M12-S Circular Connector

630V 12A

Technical characteristics

Number of contacts	3-pole	4-pole
Rated current (40°C)	12A	12A
Rated voltage	630V	630V
Rated impulse voltage	6kV	6kV
Pollution degree	3	3
Contact resistance	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	solder	solder
Wire gauge	max.1.5mm ² (max.AWG16)	max.1.5mm ² (max.AWG16)
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

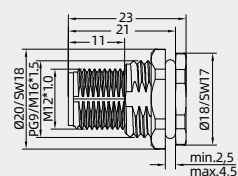
Socket

Male panel mount connector, solder
PG9/M16x1.5, front fastened

S-Code



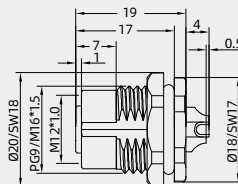
Contacts	screw	Designation	Order No.
3(2+PE)	PG9	M12-M03S-BKR-PG9-C	163 003 313 2502
	M16x1.5	M12-M03S-BKR-M16-C	163 003 313 2503
4(3+PE)	PG9	M12-M04S-BKR-PG9-C	163 004 313 2502
	M16x1.5	M12-M04S-BKR-M16-C	163 004 313 2503

Female panel mount connector, solder
PG9/M16x1.5, front fastened

S-Code



Contacts	screw	Designation	Order No.
3(2+PE)	PG9	M12-F03S-BKR-PG9-C	163 003 323 2502
	M16x1.5	M12-F03S-BKR-M16-C	163 003 323 2503
4(3+PE)	PG9	M12-F04S-BKR-PG9-C	163 004 323 2502
	M16x1.5	M12-F04S-BKR-M16-C	163 004 323 2503



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