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	dip solder	dip solder
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

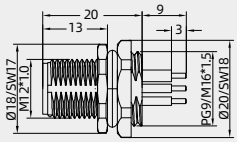
Socket

Male panel mount connector, dip solder

S-Code

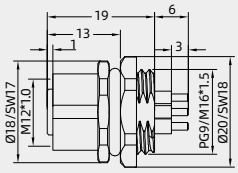
3pin 4pin

Contacts	screw	Designation	Order No.
3(2+PE)	PG9	M12-M03S-BK-PG9-D	163 003 314 2500
	M16x1.5	M12-M03S-BK-M16-D	163 003 314 2501
4(3+PE)	PG9	M12-M04S-BK-PG9-D	163 004 314 2500
	M16x1.5	M12-M04S-BK-M16-D	163 004 314 2501



Female panel mount connector, dip solder

S-Code

3pin 4pin

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	M16x1.5	M12-F03S-BK-M16-D	163 003 324 2501
4(3+PE)	PG9	M12-F04S-BK-PG9-D	163 004 324 2500
	M16x1.5	M12-F04S-BK-M16-D	163 004 324 2501