



SP21 Connector Male Rear Nut Socket and Female Plug - 3 Pin

Part Number:

SP2112-P3+SP2110-S3

Basic Information

Connection Type	Docking Type
Contacts	3 Pin
Coupling	Threaded Coupling
Orientation	Straight
Termination	Crimp, Screw, Solder

Material Specification

Contact Material	Brass with Gold Plating
Insert Material	PPS
Shell Material	PA66

Electrical Specification

Contact Resistance	1 MΩ
Rated Current	30A
Rated Voltage	250V
Test Voltage	1500V(1min)

Environmental Specification

Ingress Protection	IP68
Operating Temperature	-40°C ~ + 85°C

Mechanical Specification

Mechanical Operation	500 Mating Cycles
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芯数 Number of contact	2	3	4	5	5B	5C	6	6B	7	8	9	12	15
公端绝缘体正面图 Male contact face view													

Technical drawings of the cable gland assembly showing front, side, and panel cutout views with dimensions:

- Front View (Left):** Shows a circular flange with a diameter of $\varnothing 29$ mm.
- Side View (Middle):** Shows the profile of the gland with a maximum height of 3 mm, a mounting hole of $M2 \times 1$, and a total height of 21.5 mm. The distance from the base to the mounting hole is 11.8 mm.
- Panel Cutout View (Right):** Shows the required hole size for the panel with a diameter of $\varnothing 12$ mm and a height of 19.6 mm.
- Front View (Far Right):** Shows the cable gland with a diameter of $\varnothing 29$ mm.
- Side View (Far Right):** Shows the cable gland with a length of 65 mm. The cable diameter is specified as 7-12 mm, and the cable outer diameter range is 4.5-7 mm.

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插针 Male contact 电缆外径 Cable outer diameter range
插孔 Female contact I: 4.5-7mm, II: 7-12mm (不标) III: 5-9mm
芯数 Number of contact

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.