

SP20, IP68 waterproof cable connector

Reference: AM1454

EAN13: -

HS code: 85369010

Product attributes:

Number of pins: 2-pin, 3-pin, 4-pin, 5-pin, 6-pin, 7-pin, 9-pin, 10-pin, 12-pin, 14-pin



Product features:

Housing material: Plastic

Waterproof grade: IP68

Construction: By soldering

Product description:

Waterproof docking connector for wires with a diameter of 8 - 12mm. Gold-plated contacts.

Type:	SP20 2-pin	3-pin	4-pin	5-pin	6-pin	7-pin	9-pin	10-pin	12-pin	14-pin
Contact diameter	2.8mm	2.8mm	2.8mm	2.8mm	1.8mm	1.8mm	1mm	1mm	1mm	1mm
Rated current	25A	25A	25A	25A	10A	10A	5A	5A	5A	5A
Rated voltage	250V									
Contact resistance	1mΩ	1mΩ	1mΩ	1mΩ	2mΩ	2mΩ	5mΩ	5mΩ	5mΩ	5mΩ
Insulation resistance	2000mΩ									
Max. conductor cross-section	≤6.15mm ²	≤6.15mm ²	≤6.15mm ²	≤6.15mm ²	≤2.54mm ²	≤2.54mm ²	≤0.78mm ²	≤0.78mm ²	≤0.78mm ²	≤0.78mm ²

Maximum current: 25A

Maximum voltage: 250V AC

Protection: IP68

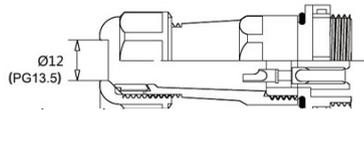
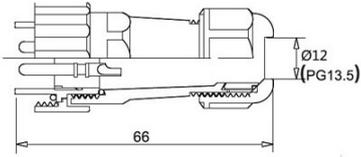
Working temperature: -20 - 110°C

Relative humidity: 90% - 95%

Material: Polyamide

Package contents: male + female SP20





SP20	1	2	3	4	5	6	7	8	9	10	11	12
Male contact face view												
Contact diameter	3.6x1	2.8x2	2.8x3	2.8x4	2.8x5	1.8x6	1.8x7	1x9	1x10	1x12	1x14	
Rated current(A)	25A	25A	25A	25A	25A	10A	10A	5A	5A	5A	5A	
Rated voltage(AC.V)	250V											
Test voltage(AC.V)	1500V											
Contact resistance(mΩ)	1	1	1	1	1	2	2	5	5	5	5	
Insulation resistance(mΩ)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	
Copper wire square(mm ²)	≤6.15	≤6.15	≤6.15	≤6.15	≤6.15	≤2.54	≤2.54	≤0.78	≤0.78	≤0.78	≤0.78	