

Features

- Threaded Coupling
- IP68
- 2-9 Poles
- Cable to Cable Connections

RS PRO SP13 In-Line Cable Mount Connector

RS Stock No.:

0304638	0304647
0304639	0304648
0304640	0304650
0304641	0304651
0304643	0304653
0304644	0304654
0304645	0304474



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RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding. Making RS PRO the Smart Choice for our customers.








Product Description

The RS Pro SP13 series is a range of lightweight but robust waterproof connectors, which are sealed to IP68. Threaded coupling ensures a secure connection, even in the harshest environments. Plugs and receptacles are available with either male pins or female sockets. These products are ideal for use in outdoor applications where a secure, waterproof connection is required. Updated shell offering an improved seal, which increases reliability and durability.

General Specifications

Housing Material	PC, Nylon66, Fire Resistance: V-0
Size	SP13
Cable outer diameter range	For 2-5 Poles: 4-6.5mm For 6-9 Poles: 5-8mm
Body Orientation	Straight
Colour	Black
Temperature Range	-40~ +85°C
Mounting Type	In-Line Cable Mount
Mating Cycle	500
Application	Outdoor Lighting, LED Screens, Outdoor Security Cameras, and Industrial Control Systems.

Solder Contact Options

Number of contact	2	3	4	5	6	7	9
Male contact face view							

Electrical Specifications

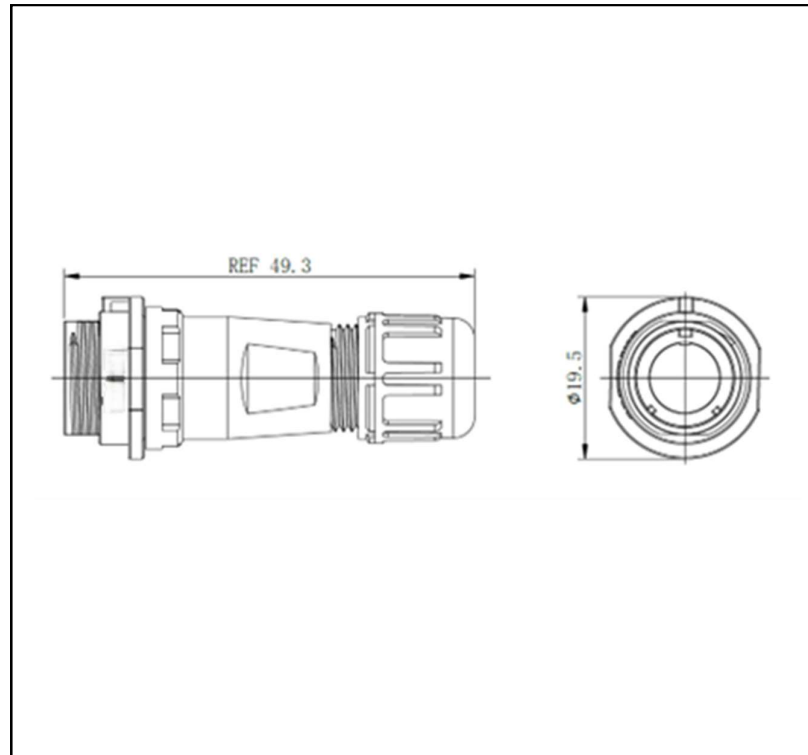
RS Article Number	0304638	0304639	0304640	0304641	0304643	0304644	0304645
Specification	2 Pin	3 Pin	4 Pin	5 Pin	6 Pin	7 Pin	9 Pin
Rated Current (A)	13	13	5	5	5	5	3
Contact Diameter (Ø mm)	1.6	1.6	1	1	1	1	0.7
Rated Voltage (AC.V)	250	250	200	180	125	125	125
Test Voltage (AV.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact Resistance (m Ω)	2.5	2.5	5	5	5	5	10
Wire Size (mm² / AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20
Contact Gender	Male	Male	Male	Male	Male	Male	Male
Shell Type	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle
Termination	Solder	Solder	Solder	Solder	Solder	Solder	Solder

RS Article Number	0304647	0304648	0304650	0304651	0304653	0304654	0304474
Specification	2 Pin	3 Pin	4 Pin	5 Pin	6 Pin	7 Pin	9 Pin
Rated Current (A)	13	13	5	5	5	5	3
Contact Diameter (Ø mm)	1.6	1.6	1	1	1	1	0.7
Rated Voltage (AC.V)	250	250	200	180	125	125	125
Test Voltage (AV.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact Resistance (m Ω)	2.5	2.5	5	5	5	5	10
Wire Size (mm² / AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20
Contact Gender	Female	Female	Female	Female	Female	Female	Female
Shell Type	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle
Termination	Solder	Solder	Solder	Solder	Solder	Solder	Solder

Protection Category

IP Rating	IP68
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Dimensional Line Drawings



Connection Diagrams / Assembly Diagrams / Illustrations / Accessories