

Features

- Bayonet Coupling
- IP67
- 2-9 Poles
- Cable to Cable Connections

RS PRO SY13 In-Line Cable Mount Connector

RS Stock No.:

0304727	0304738
0304729	0304739
0304730	0304741
0304732	0304555
0304733	0304556
0304735	0304558
0304736	0304559

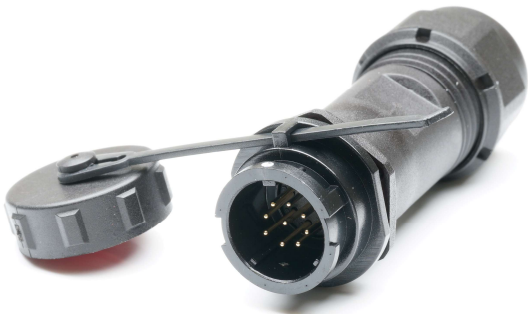


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RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding. Making RS PRO the Smart Choice for our customers.

## Product Description

The RS Pro SY13 series is a range of lightweight but robust waterproof connectors, which are sealed to IP67. Bayonet style 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

<b>Housing Material</b>	PC, Nylon66, Fire Resistance: V-0
<b>Size</b>	SY13
<b>Body Orientation</b>	Straight
<b>Colour</b>	Black
<b>Temperature Range</b>	-40~ +85°C
<b>Mounting Type</b>	In-Line Cable Mount
<b>Mating Cycle</b>	500
<b>Application</b>	Outdoor Lighting, LED Screens, Outdoor Security Cameras, and Industrial Control Systems.

## Solder Contact Options

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

## Electrical Specifications

RS Article Number	0304727	0304738	0304729	0304739	0304730	0304741	0304732	0304555
Specification	2 Pin	2 Pin	3 Pin	3 Pin	4 Pin	4 Pin	5 Pin	5 Pin
Rated Current (A)	13	13	13	13	5	5	5	5
Contact Diameter (Ø mm)	1.6	1.6	1.6	1.6	1	1	1	1
Rated Voltage (AC.V)	250	250	250	250	200	200	180	180
Test Voltage (AV.V) 1 min	1500	1500	1500	1500	1500	1500	1000	1000
Contact Resistance (m Ω)	2.5	2.5	2.5	2.5	5	5	5	5
Wire Size (mm <sup>2</sup> / AWG)	≤2/14	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18
Gender	Male	Female	Male	Female	Male	Female	Male	Female
Shell Type	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle
Termination	Solder	Solder	Solder	Solder	Solder	Solder	Solder	Solder

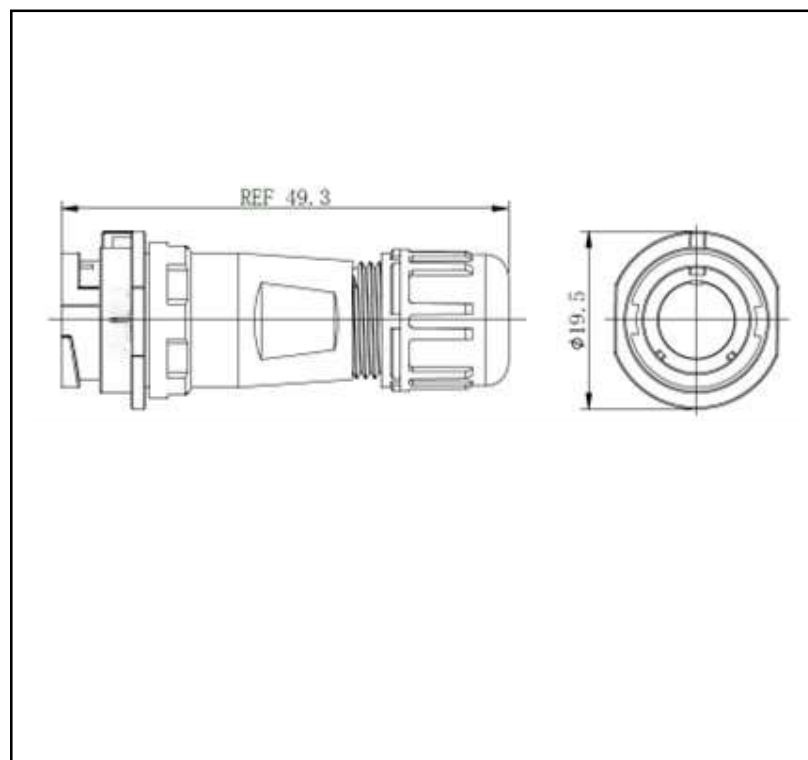
## Electrical Specifications

RS Article Number	0304733	0304556	0304735	0304558	0304736	0304559
Specification	6 Pin	6 Pin	7 Pin	7 Pin	9 Pin	9 Pin
Rated Current (A)	5	5	5	5	3	3
Contact Diameter (Ø mm)	1	1	1	1	0.7	0.7
Rated Voltage (AC.V)	125	125	125	125	125	125
Test Voltage (AV.V) 1 min	1000	1000	1000	1000	1000	1000
Contact Resistance (m Ω)	5	5	5	5	10	10
Wire Size (mm <sup>2</sup> / AWG)	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20
Gender	Male	Female	Male	Female	Male	Female
Shell Type	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle	Receptacle
Termination	Solder	Solder	Solder	Solder	Solder	Solder

## Protection Category

IP Rating	IP67
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## Dimensional Line Drawings



Connection Diagrams / Assembly Diagrams / Illustrations / Accessories