

## Features

- Bayonet Coupling
- IP67
- 2-35 Poles
- Cable to Cable and Cable to Panel Connections

## RS PRO Industrial Circular Connectors

RS Stock No.: 250-6187



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

The RS PRO SY29 series is a range of lightweight but robust waterproof connectors, which are sealed to IP67. Bayonet coupling ensures a quick and secure connection, even in the harshest environments. Versions are available for in-line cable to cable and for cable to panel connections. 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.

## General Specifications

|                    |   |
|--------------------|---|
| Number of Contacts | 24  |
| Housing Material   | Nylon 66  |
| Contact Material   | Brass   |
| Contact Plating    | Gold  |
| Contact Gender     | Male  |
| Mating Type        | Bayonet   |
| Body Orientation   | Straight  |
| Contact Carrier    | PPS   |
| O-Ring             | Silicone  |
| Colour             | Black   |
| Mating Cycles      | 500   |
| Application        | Outdoor Lighting, Outdoor Security Cameras, Off-Road Vehicles, Industrial Control Systems |

## Electrical Specifications

|                       |                |
|-----------------------|----------------|
| Plug/Socket           | Socket         |
| Current Rating        | 5A             |
| Voltage Rating        | 400 VAC        |
| Insulation Resistance | 2000M $\Omega$ |
| Contact Resistance    | 5m $\Omega$    |

## Mechanical Specifications

|                      |             |
|----------------------|-------------|
| Termination Method   | Solder      |
| Mounting Type        | Cable Mount |
| Cable Outer Diameter | 13-16mm     |
| Contact Diameter     | 1mm         |

## Operation Environment Specifications

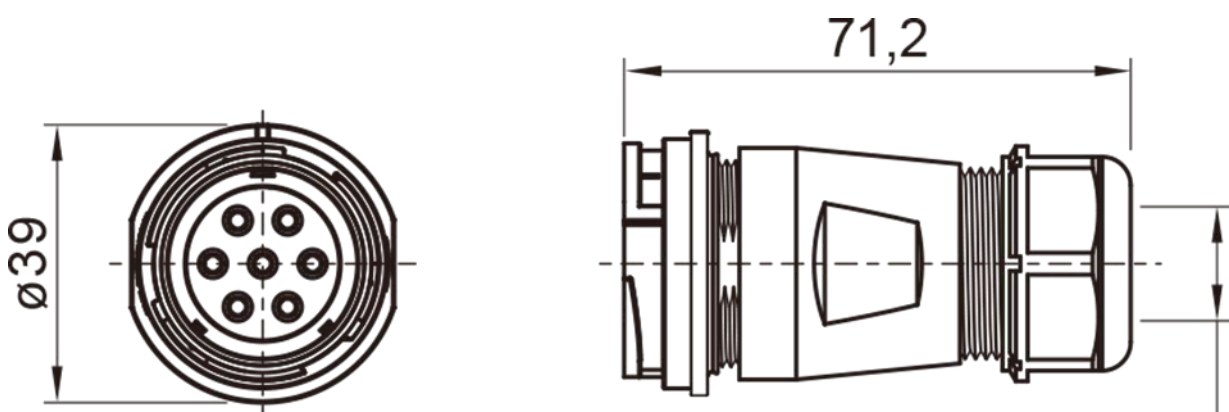
|                       |              |
|-----------------------|--------------|
| Operating Temperature | -40C to +85C |
|-----------------------|--------------|

## Protection Category

|           |      |
|-----------|------|
| IP Rating | IP67 |
|-----------|------|

## Approvals

|                           |          |
|---------------------------|----------|
| Compliance/Certifications | CE, RoHS |
|---------------------------|----------|



Cable outer diameter range: 13-16mm