

### **Features**

- Bayonet Coupling
- IP67
- 2-35 Poles
- Cable to Cable Connection Set

## **RS PRO Industrial Circular Connectors**

RS Stock No.: 250-6149



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	2
Housing Material	Nylon 66
Contact Material	Brass
Contact Plating	Gold
Contact Gender	Male & Female
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	Plug & Socket
Current Rating	50A
Voltage Rating	500 VAC
Insulation Resistance	2000ΜΩ
Contact Resistance	0.5mΩ

### **Industrial Circular Connectors**



### **Mechanical Specifications**

Termination Method	Screw
Mounting Type	Cable Mount
Cable Outer Diameter	13-16mm
Contact Diameter	3.5mm

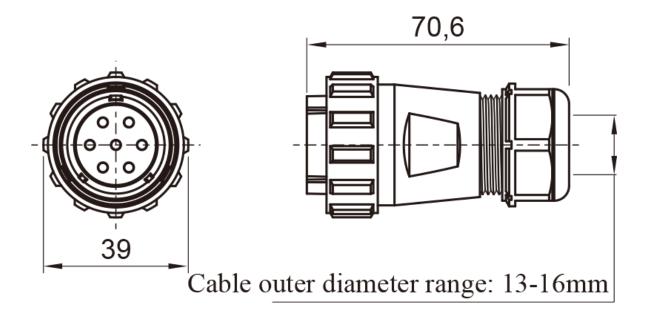
Operation Environment Specifications	
Operating Temperature	-40C to +85C

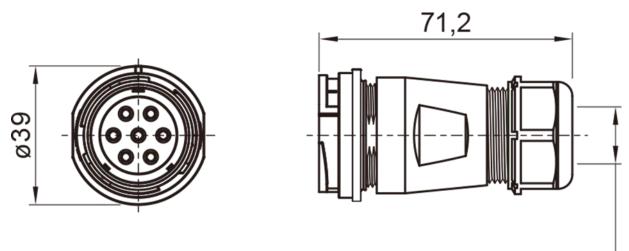
Protection Category		
IP Rating	IP67	

Approvals	
Compliance/Certifications	CE, RoHS

# Drawing on next page







Cable outer diameter range: 13-16mm