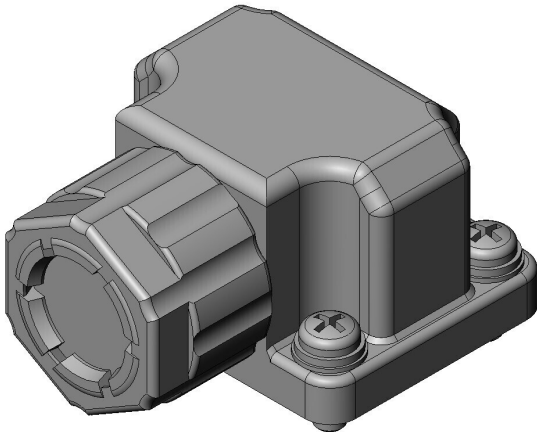


JN14FR09SM1

Product Details



Features

All-plastic, Low-profile, Waterproof connector, Compatible with TÜV, UL/ cUL recognized, Lock mechanism IP67 rated dust and waterproof (when mated), for compact servomotors, for encoder, 9 pos., Plug

| | |
|----------------------------|--|
| Part Number | JN14FR09SM1 |
| Status | Active |
| Number of Positions | 9 |
| Rated Current (A) | 1 |
| Rated Voltage (V) | AC 100 |
| Waterproof/ Non-waterproof | IP67 (when mated) |
| Applications | Industrial equipment, such as servo motors, machine tools, robots, communication equipment and other various applications. |
| Connector Type | Plug |
| Connector Style | Angle plug |
| Contact Type | Socket |
| Wire Termination Method | Crimp |
| Applicable Wire Size (AWG) | #28 to #26, #26 to #22 |
| Contact Size | #24 |
| Shell Size | R |

| | |
|---|--|
| Applicable Wire Insulation Diameter (mm) | 0.7 to 1.2 mm, 0.8 to 1.3 mm |
| Material of Contact | |
| Finish of Contact in Connecting Area | |
| Dielectric Withstanding Voltage (VACr.m.s. 1minute) | 500 |
| Insulation Resistance (megaohm min.) | 100 |
| Mating Cycles (times) | 50 |
| Operating Temperature Range (deg. C) | -40 to +125 |
| Applicable Contacts | JN-24S-C2B-B1-10000, JN-24S-C1B-B1-10000 |
| RoHS compliant | 10 substances (2011/65/EU, (EU)2015/863) |
| REACH compliant | 235 substances (14/06/2023) |
| Combination | JN14CR09PM1 |
| Remarks | |

Notice

- The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before considering or ordering any of our products.
For purchase, a product specification must be agreed upon.
- Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.
- The products presented in this web site are designed for the uses recommended below.
We strongly suggest you contact our sales staff when considering use of any of the products in any other way than the recommended applications or for a specific use that requires an extremely high reliability.
 - Applications that require consultation:
 - * Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:

Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster evention equipment, etc.

* We may separately give you our support with a quality assurance program that you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

(2) Recommended applications include:

* Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory automation equipment, etc