

**1. Scope**

This specification covers the performance, tests and quality requirements for the Modular plug sleeve

Applicable Product Models:FVM4501 series.

**2. Applicable documents**

The following documents form a part of this specification to the extent specified herein. Unless otherwise specified, the latest edition of the document applies. In the event of conflict between the requirements of this specification and the product drawing, the product drawing shall take precedence. In the event of conflict between the requirements of this specification and the referenced documents, this specification shall take precedence.

**3. Ordering information**

Refer to the drawing.

**4. Connector dimensions**

Refer to the drawing.

**5. Material**

Housing: Zinc Alloy

Zinc Alloy: Nickel plating

Threaded Insert :PA6,(UL 94V-0)

**6. Rating**

Temperature range-operating: -40°C -- +85°C

IP Rating: IP65

## 7. Performance

Serial Number	Test item	Procedure	Requirement
1	Examination Of Product	Visual inspection. (EIA-364-18)	Meets requirements of product Drawing. No physical damage.

### ENVIRONMENT PERFORMANCE AND OTHERS

2	Heat Resistance	Mate The sample connectors shall expose to $85\pm 2$ °C for 96 hours. Upon completion of the exposure period, the test specimens shall be conditioned at ambient room condition for 1to2 hours, after which the specified measurements shall be performed. (EIA-364-17)	Appearance: Nodamage
3	Cold Resistance	Mate The sample connectors shall expose to $-40\pm 2$ °C for 96 hours. Upon completion of the exposure period, the test specimens shall be conditioned at ambient room condition for 1to2 hours, after which the specified measurements shall be performed. (EIA-364-17)	Appearance: Nodamage
4	Salt Spray	Salt Mist Concentration: $5\%\pm 2$ ; pH Value: 6.5~7.2; Spray Rate: 1.0~2.0 (ml/80 cm <sup>2</sup> /h); Relative Humidity (RH): $\geq 85\%$ ; Test Duration: 24 hours. (EIA-364-26B)	Appearance: Nodamage