

THR024-12T

General Description

Capsule slip ring enjoys the main feature of compact design which could provide signal/power combination circuits (Ethernet, USB, RS, Canbus, video, sensor, power, control,etc.) The standard diameter of this series can be from 8mm-35mm, also it adopts advanced standard military degree surface processing technology to meet the demand of every customer. Gold to gold contact materials could make sure low electrical noise and longer work life time, specially suit for small and medium size equipment to transmit weak signal.

Features:

1. Gold to gold contact materials guarantee long life time
2. Low torque, low electrical noise and smooth rotation
3. Small compact construction
4. Compatible with data bus protocols
5. Continuous transmission of signal and/or data under 360 degree unrestrained rotation

Option:

1. Circuits
2. Current & Voltage
3. Work speed
4. Housing materials and color
5. Protection degree
6. Lead wire exit direction
7. Connector type
8. Signal and power transmission single or together



Application:

1. CCTV
2. Rotary table, exhibition/display equipment
3. Robotics
4. Medical equipment
5. Wind turbine generator
6. Industry process equipment

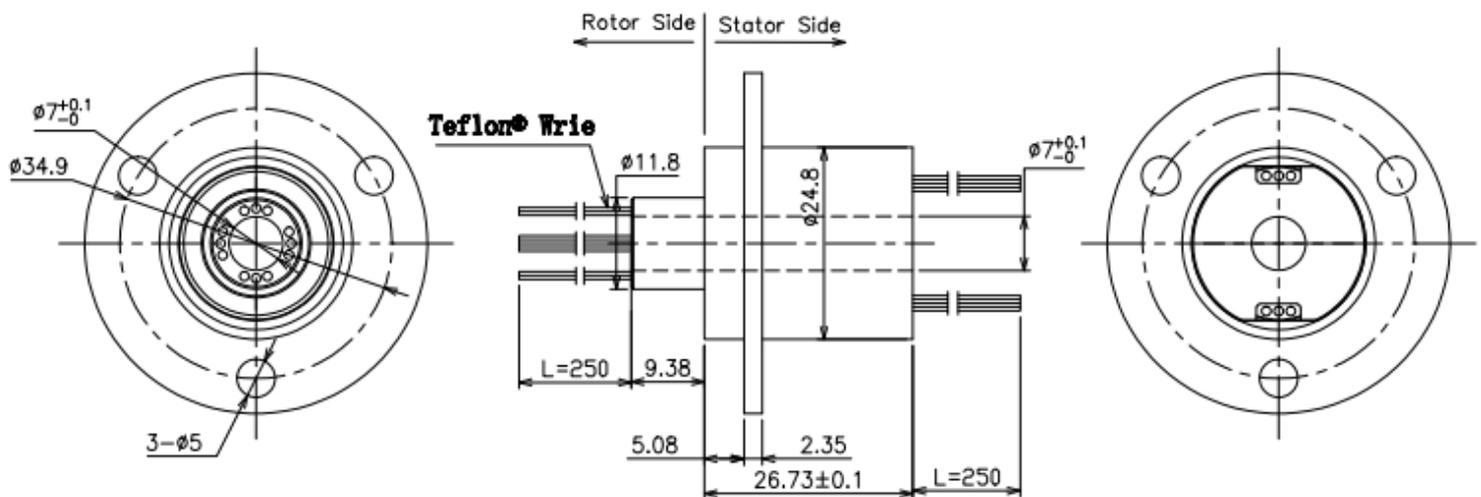
Capsule With Through Hole

Specification:

Specification	
Circuits	1-12 circuits
Work Speed	0-200RPM
Work Temperature	-20 °C -+60 °C
Work Humidity	60%RH or higher
Voltage Rating	240VAC/DC
Current Rating	2A per circuit
Through Hole Size	2-7mm
Dielectric Strength	500VAC@50Hz between each circuit
Electrical Noise	1mΩ Min
Contact Materials	Gold to gold
Lead Wire Size	AWG28 Teflon® UL
Lead Wire Length	Standard 250mm
Housing Materials	Aluminum Alloy
Torque	≤0.88 gm (for reference)
Protection	IP54 or higher

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Drawing:



Unit:mm