

DHM025-4P/30S-1RF

Slip rings of the DHM025-4P/30S-1RF is specially design to transmit high-definition(1080P) video signals with power and common signals, and also can be combine with uncompressed high quality video signals with max. 1.5GHz from a rotary joint.

Features

- ◆ Can be combine with 24 power rings or 48 common signal rings
- ◆ No maintenance
- ◆ Operating smoothly and reliability
- ◆ Extremely low electrical noise
- ◆ Convenient to assembly
- ◆ Light and compact
- ◆ Precious metal contact ensures long life-span

Typical applications

- ◆ Medical equipment
- ◆ VR equipment
- ◆ Electrical test equipment
- ◆ Indexing tables, Cable reels
- ◆ Robotics, rotary sensors, urgent illumination equipment
- ◆ Exhibit / display equipment
- ◆ CCTV pan
- ◆ Laboratory equipment

Options

- ◆ Working speed
- ◆ Rated voltage
- ◆ Rated current
- ◆ No. of rings
- ◆ Connector
- ◆ Flange mounting
- ◆ Housing material
- ◆ Wire length
- ◆ Position of wire outlet, wire length
- ◆ Protection level (dust and water)
- ◆ Operating temperature

Specifications for DHM025-4P/30S-1RF

Frequency Rate	DC-1.5GHz		Insertion Loss	≤5dB
Insertion Loss Fluctuation	≤+/-1.5dB		Return Loss	/
Specification	RG179		Max Speed	25rpm
VSWR	≤3		VSWR Fluctuation	≤+/-1
Impedance	75 Ω		Style	Options
Electrical Data			Mechanical Data	
	Power	Signal	Outer Diameter	25mm
No. of Rings	4rings	30rings	Max Speed	250rpm
Rated Current	10A/ring	1A/ring	Working Temperature	-40°C~+80°C
Lead Size	AWG26# Silver-plated teflon	AWG28# Silver-plated teflon	Working Humidity	60% RH or higher
Rated Voltage	0-240VAC/VDC		Structure Material	Aluminium alloy
Dielectric Strength	500VAC@50HZ,60S		Contact Material	Gold to gold
Insulation Resistance	500MΩ/500VDC		IP Rating	IP51
Electrical Noise	<0.01Ω		Torque	0.05N.m+0.01N.m/6 wire
Lead Length	Rotor 500mm, Stator 700mm			

Drawing for Outline Dimension

