

Pin Type Series

Slip rings of the Pin type series apply multiple contact points to assure long life-span due to the low contact wear rates, while guaranteeing low contact resistance.

IP rating from IP65 to IP68 to make the slip ring washable, guaranteeing protection against low pressure jets if watered from all directions.

Features

- ◆ Waterproof slip ring up to IP68
- ◆ Multi-point brush contact material ensure long life
- ◆ Anti-corrosion stainless steel housing for better protection
- ◆ Integrated structure design for easy installation
- ◆ Standard model and customization are available
- ◆ Standard model supports 1-96rings power or signal(0~20A/ring)
- ◆ Free maintenance

Typical applications

- ◆ Automatic machines
- ◆ Cable reels
- ◆ Robotics, rotary sensors, urgent illumination equipment
- ◆ Exhibit / display equipment
- ◆ Packaging
- ◆ Rotary table
- ◆ Medical, Pharmaceutical equipment
- ◆ Converting machines
- ◆ Capping machines
- ◆ Labeling machines
- ◆ Filling machine
- ◆ Machine tools

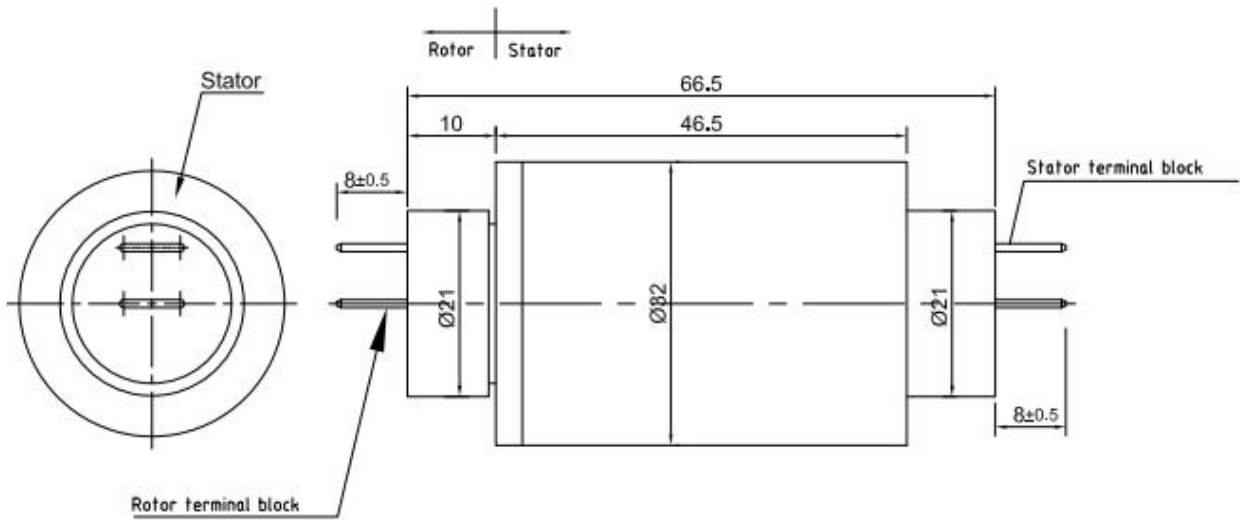
Options

- ◆ No. of rings
- ◆ Current & voltage
- ◆ Connector
- ◆ Housing material
- ◆ Position of wire outlet, wire length
- ◆ Flange mounting is optional
- ◆ Operating temperature
- ◆ Support mixed high speed data transmission(including Ethernet, USB, Profibus, Ethernet, CANOPEN, CANBUS, RS232, RS485, etc.)
- ◆ Fluidic rotary joints, FORJ and electric slip ring can be mixed.

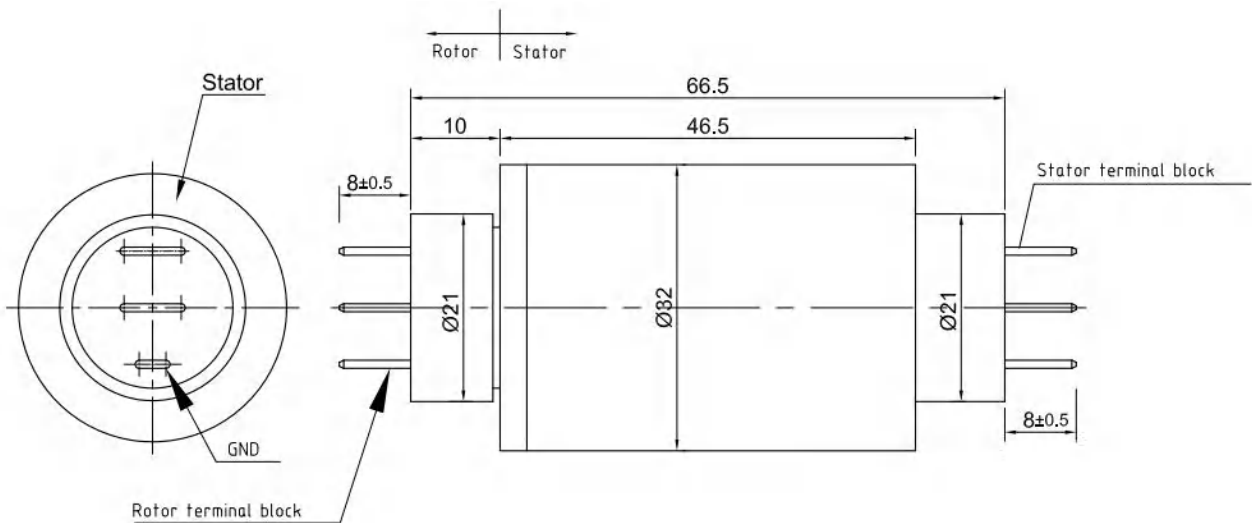
Specifications

Electrical Data			Mechanical Data	
	Power	Signal	Working Speed	0-400RPM
Rated Current	20A/ring	5A/ring	Working Temperature	-20°C~+80°C
Rated Voltage	0~380VAC/VDC	0~240/VDC	Working Humidity	0-85% RH
Insulation Resistance	≥500MΩ/500VDC		Structure Material	Aluminum alloy or Stainless steel
Dielectric Strength	1000VAC@50Hz,60s		Contact material	Gold to Gold
Dynamic Resistance	<0.01Ω		Protection level	IP65, IP68

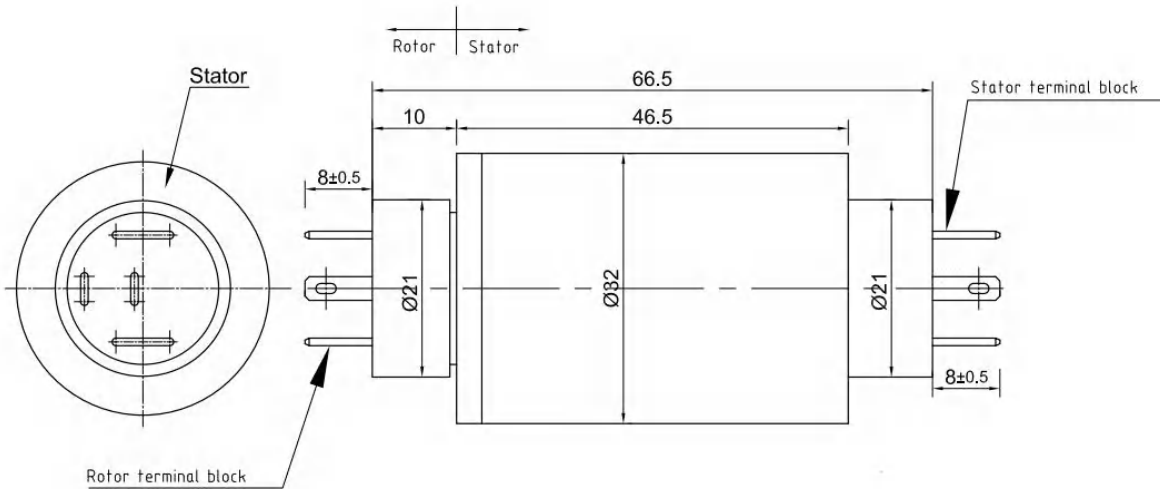
Drawing for Outline Dimension FHM032-2



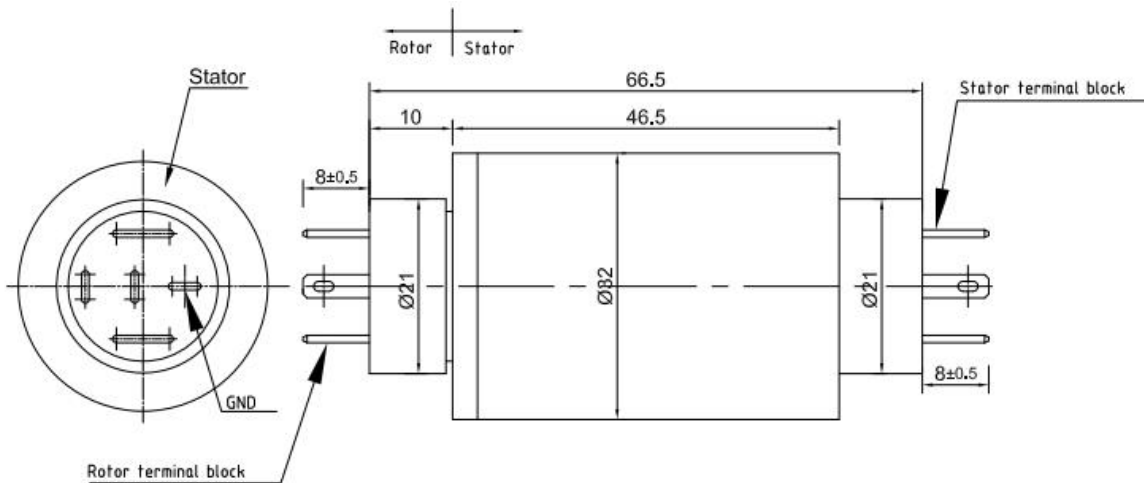
Drawing for Outline Dimension FHM032-3



Drawing for Outline Dimension FHM032-4



Drawing for Outline Dimension FHM032-5



Standard Model

Model	No. of Rings		Dimensions		IP rating	Housing material
	Power 20A/ring	Signal 5A/ring	OD(mm)	L(mm)		
FHM032-2-AL	2	--	32	46.5	IP65	Aluminum alloy
FHM032-2-SL	2	--	32	46.5	IP68	Stainless steel
FHM032-3-AL	3	--	32	46.5	IP65	Aluminum alloy
FHM032-3-SL	3	--	32	46.5	IP68	Stainless steel
FHM032-4-AL	4	--	32	46.5	IP65	Aluminum alloy
FHM032-4-SL	4	--	32	46.5	IP68	Stainless steel
FHM032-5-AL	5	--	32	46.5	IP65	Aluminum alloy
FHM032-5-SL	5	--	32	46.5	IP68	Stainless steel