

Gas-Liquid Electric Integrated Slip Rings



Hydraulic Slip Ring		Mechanical		Electrical & Electronics	
Number of channels	4 (Can be customized)	Rotating speed	0 ~ 100rpm	Number of circuits	12
Gas pipe outer diameter (mm)	φ10mm	Contact material	Precious metal	Current	240A, 10xsignal
Maximum operating pressure	5Mpa (Can be customized)	Housing material	Metal (optional)	Voltage	240V AC/DC
Medium	Compressed air, inert gas, cool water and hydraulic oil, etc.	Wire type	AAWG20#/AWG14# Teflon wire	Dielectric strength	≥500VAC@50Hz
Environmental		Wire length	300mm (optional)	Insulation resistance	500mΩ@500VDC
Temperature	-20°C~+60°C	Others		Electrical noise	≤30mΩ
Humidity	≤60%RH	Life span	Can be customized		
Protection grade	IP65 (optional)				

Features

- Transmits power, encoder signal, electromagnetic valve signal, switch signal, RS422, RS485, Can-Bus, Ethernet signal and USB signal, etc.
- Medium: compressed air, nitrogen, cool water and hydraulic oil, etc.
- Transmits graphic and video signal, even high-definition signal while implementing 360° rotation.

Advantages

- Able to function smoothly and normally in harsh environments like humid atmosphere and undersea.
- Able to transmit power and various signals simultaneously.
- Adopts top German dynamic rotary sealing structure, achieves ideal intact sealing in a efficient way

Gas-Liquid Electric Integrated Slip Ring	
Model	Applications
LPT-000-0240-10S-04A	Automation Equipment

Outline drawings

