

# 100Mbps Ethernet signal through-hole slip rings



The LPT000-0810-0405-2E2 Through Bore Slip Ring offers current and multi-signal channels, including 100Mbps Ethernet signal transmission capability. Equipped with precious metal contacts and an IP51 rating, it ensures stable operation in demanding environments. Designed for automation, robotic arms, and smart manufacturing, this slip ring delivers reliable performance and extended lifespan.

Electronic & Electric			Mechanical	
Circuits	Total	14 CKT	Working Speed	0~20rpm
	Detail	2×10A+4×5A+2×100 Mbps Ethernet	Contact Material	Precious Metal
Rating Voltage		24V/380V	Housing Material	Aluminum Alloy
Dielectric Strength		Power≥1000V@50Hz Signal≥100V@50Hz	Lead Wire Length	Stator:3000mm Rotor:1500mm
Insulation Resistance		Power≥1000MΩ@1000VDC Signal≥ 100MΩ@100VDC		
Environment			Remarks	
Working Temperature		-20°C~+80°C	Note: "P" stands for power, "S" stands for signal.	
Working Humidity		≤60%RH		
IP		IP51		

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Model	Applications
LPT000-0810-0405-2E2	Robot arms/automation equipment/ intelligent manufacturing equipment