

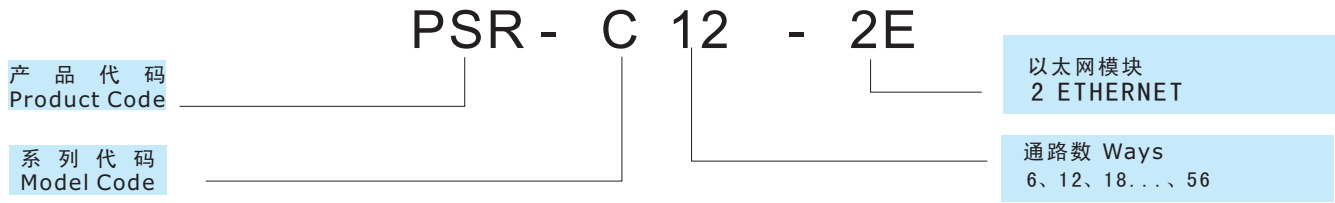
网络高清滑环是标准的帽式和ETHERNET组合产品的统称, PSR-C6-2E、PSR-C12-2E、PSR-C16-2E 几款导电滑环基本型号, 提供6路, 12路, 16路传输电路, 2A/路传输电源或信号并组合以太网通信; 可用于10 / 100BaseT 和 1000BaseT (千兆以太网) 这两种以太网通讯。以太网电缆提供带有RJ45插孔, 方便连接。供传输高清视频、高速数字等信号;

导电环接触材料使用金, 采用90度V型槽设计, 低力矩, 低损耗, 低电气噪音, 彩色耐高温导线筒化电气连接, 领先同类滑环。

PSR- slip ring is a standard capsule, off-the-shelf series product provides Ethernet communication in combination with 2am power connections. Available with both 10/100BaseT and 1000BaseT(Gigabit Ethernet). And the Ethernet cable is supplied terminated with a RJ45 jack, ready to connect. Provides the transmitting of video over Ethernet and high speed data.

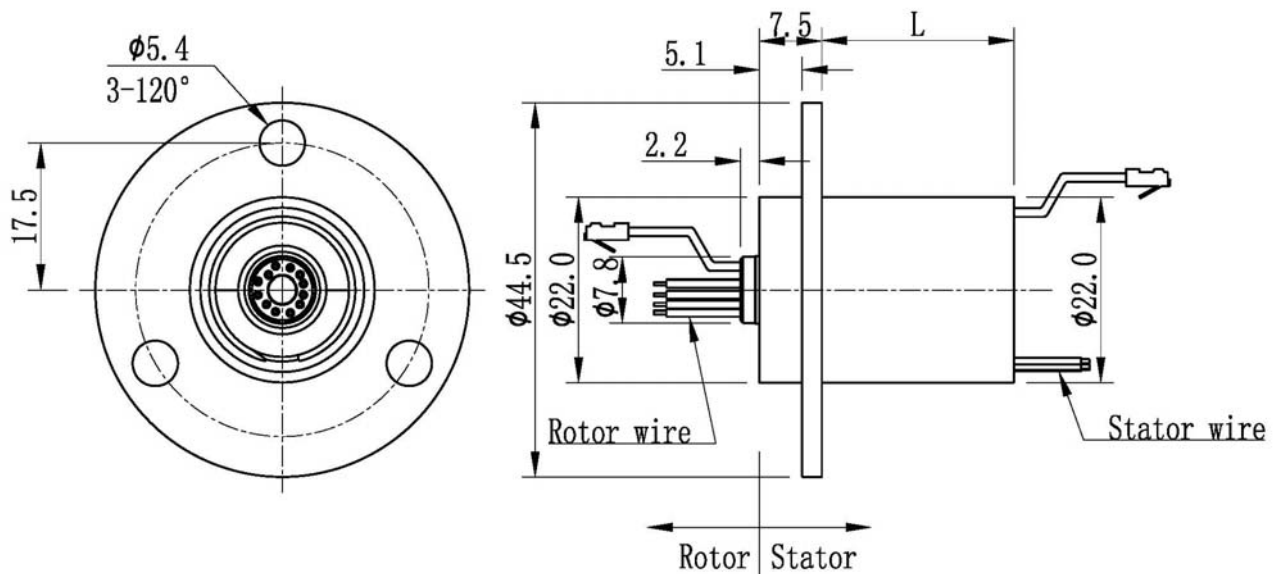
The slip ring uses gold contacts at the rotary interface. Using a 90°V-groove ring design for each ring, the PSR- provides smoother running, lower torque low contact wear rates than competitive slip ring. Provides 12, 16, 24 electronic circuit combine the Ethernet communication. Color-coded lead wires are used on both stator and rotor for simplified electrical connections.

SDI系列编码简示



基本型号及尺寸 Basic Model and Size

主体直径 Outside dia	22.0 mm	法兰直径 Flange dia.	44.5 mm
基本型号 Model NO	通路数 Circuits (2A/ring)	Ethernet (环) 1000BaseT	长度L Length "L"
PSR-C6-2E	6	8	25.45mm
PSR-C12-2E	12	8	32.15mm
PSR-C16-2E	16	8	37.5mm



专业 技术 可靠

特性 Feature

紧凑化设计, 小体积, 满足苛刻空间需求
Compact miniature design, small size fit for harsh space

模块化设计, 满足更高电流, 转速, 外形等需求
Module design; Meet the most of requirement

ETHERNET 完全兼容 IEE 802.3 格式; 提供带有 RJ45 插孔
Fully compliant with IEE 802.3 format

--10BaseT --100BaseTx --100BaseT2 --1000BaseT
--10BaseT --100BaseTx --100BaseT2 --1000BaseT

支持传输电源和数据信号及高速数字信号混合传输
combine high speed data IP HD video signal and power in same slip ring

典型应用 Typical Application

数字高清 CCTV IP 监控/高清云台
CCTV Monitoring System;

电机控制
Motor control: SERCOS II, ETHERCAT

医疗设备
Medical equipment

机器人, 管道勘测
Robotics;

材料及配件 Material and Parts

壳体材料 House	工程塑料或铝合金 Engineer Plastics or Al Alloy
接触材料 Contact material	贵金属: 金-金 Precious Metal: Gold-Gold
导线 Lead Wire	12色 AWG#28 Teflon 高温导线 12 color #28 AWG Teflon wire
轴承 Bearing	精密滚珠轴承 Precision ball bearings

可选项 Options

防尘以及一定程度防水
Splash seals for dust and light fluid splash

支持更多通路数: 1-56路
Can combine more circuits: 1-56 rings

导线长度可选
Lead wire lengths is optional

可选法兰盘安装
Flange for set up

电气性能 Electrical Spec

额定电压 Rating voltage	240VAC 240VAC on power circuits
额定电流 Rating current	Ethernet plus 2A/路, 并联支持 5A, 10A 电源传输 (线路并联) Ethernet plus, 2amp, 5amp and 10amp connections
绝缘电阻 Insulation resistance	1000MΩ@500VDC 1000MΩ@500VDC
耐压 Dielectric strength	600VDC@50Hz 600VDC@50Hz
电气噪音 Electrical noise	30mΩ@6VDC, 50mA, 5Rpm 30mΩ@6VDC, 50mA, 5Rpm

机械性能 Mechanical Spec

转速 Speed	300转/分钟 300Rpm
扭矩 Torque	0.01 N.M 0.01 N.M
防护等级 Seal class	Ip54 Ip54

环境 Environment

工作温度 Operation temp.	-40 °C ~ +80 °C -40 °C ~ +80 °C
机械振动 Mechanical vibration	MIL-SID-810E MIL-SID-810E
相对湿度 Relative humidity	60% 60%

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