

过孔式导电滑环是中心带孔的一系列导电滑环的统称，主要用于传输精密信号、微弱电流、大电流、高电压；具有低扭矩，低损耗免维护；低电气噪音、超长寿命等主要特点；

PSR-T25是一款经济合算的过孔型导电滑环，过孔直径为25.4mm，外径为78mm；紧凑设计，稳定性高。刷式结构，多点接触，是优良性能的可靠保证。

PSR-T25 is a commercial slip ring with through bore that features a 25.4mm through and a compact 78mm; Compact design improves stability of slip ring.

Uses fiber brush technology which offers several advantages over conventional slip ring contacts including multiple points of contact per brush bundle.

TS系列编码简示

PSR - T 25 - 6

产品代码  
Product Code

系列代码  
Model Code

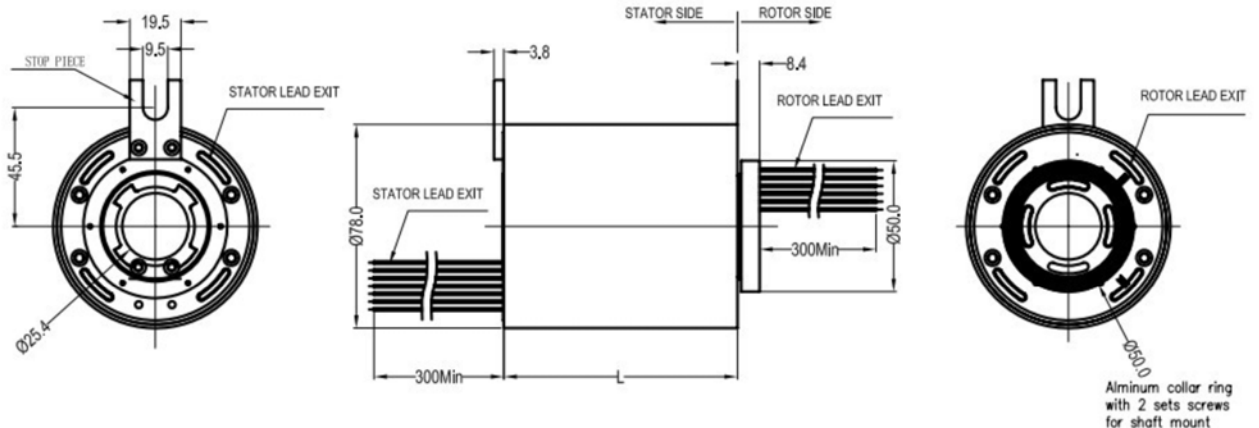
通路数 Circuit  
6、12、18、24

可选择通路数  
any way is available

中心孔径 Through bore  
25.4mm

基本型号及尺寸 Basic Model and Size

外径 Outer dia	78mm	
基本型号 Model No.	通路数 Circuits	长度L Length "L"
PSR-T25-6	1-6	48mm
PSR-T25-12	7-12	72mm
PSR-T25-18	13-18	96mm
PSR-T25-24	19-24	120mm
PSR-T25-30	25-30	144mm
PSR-T25-36	31-36	168mm
PSR-T25-42	37-42	192mm
PSR-T25-48	43-48	216mm
PSR-T25-54	49-54	240mm
PSR-T25-60	55-60	264mm



## ○ 特性 Feature

独特接触设计提供 longer 寿命及免维护稳定运转 (无需润滑剂)  
Fiber brush technology provides maintenance free operation (no cleaning or lubrication required)

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

多样化外形, 支持更多安装要求  
More install method for option

支持信号, 电源及其混合传输;

Can combine signal and power in same slip ring

## ○ 材料及配件 Material and Parts

壳体材料 House	铝合金 Al Alloy
接触材料 Contact material	贵金属 Precious Metal
导线 Lead Wire	12色0.5mm <sup>2</sup> Teflon高温导线 12color 0.5mm <sup>2</sup> Teflon wire
轴承 Bearing	精密滚珠轴承 Precision ball bearings

## ○ 电气性能 Electrical Spec

额定电压 Rating voltage	380VAC 380VAC
额定电流 Rating current	5A/路, 10A/路, 15A/路 5A, 10A/Ring, 15A/Ring
绝缘电阻 Insulation resistance	1000MΩ@500VDC 1000MΩ@500VDC
耐压 Dielectric strength	600VDC@50Hz 600VDC@50Hz
电气噪音 Electrical noise	10mΩ@6VDC, 50mA, 5Rpm 10mΩ@6VDC, 50mA, 5Rpm

## ○ 可选项 Options

可选安装法兰盘;	Flange for set up;
可选更高转速: 1000转/分钟、2500转/分钟、5000转/分钟	Higher rotational speed; 1000Rpm、2500Rpm、5000Rpm
支持更多通路数: 1-100路	Can combine more circuits: 1-100Ring
支持更高电压与电流	Higher voltage and current capacity
导线出口方向可选	Various radial exits are available

## ○ 典型应用 Typical Application

CCTV监控系统  
CCTV Monitoring System;

电气测试设备  
Electrical test equipment;

医疗设备  
Medical equipment

机器人  
Robotics;

## ○ 机械性能 Mechanical Spec

转速 Speed	300转/分钟 300Rpm
扭矩 Torque	40 N.cm 40 N.cm
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%