

The PSR-M4H capsule slip ring is a standard, off-the-shelf series product, that uses gold contacts at the rotary interface, and uses military surface treatment technology. It's OD-12.5mm, L-14mm, provides 4 circuits to translate micro current and precise signal for the robot, CCTV monitoring system, electrical testing system, rotary table, and so on.

Material and Parts

House	ABS 777D
Contact material	Precious Metal
Lead Wire	4 color 30#AWG Teflon wire
Bearing	Р

Electrical Spec

Circuit	4
Rating voltage	48VDC
Rating current	2A/Ring
Insulation resistance	$500M\Omega@500VDC$
Dielectric strength	300VDC@50Hz
Electrical noise	$40\text{m}\Omega\text{@}6\text{VDC},50\text{mA},5\text{Rpm}$

Mechanical Spec

Speed	0-300Rpm
Torque	<5 g.cm
Seal class	lp54

© Environment

Operation temp.	-40 ℃ ~ +80 ℃
Mechanical vibration	MIL-SID-810E
Relative humidity	60%



O Size

