

## Slip Ring Assemblies





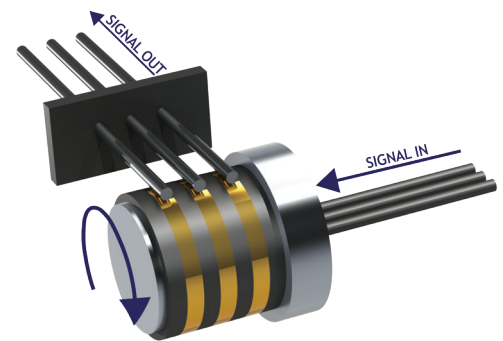
## Reliability and precision in testing innovation

### Features:

- **Instrumentation quality rings and brushes** for a high-quality signal
- **Rugged construction** for almost any testing environment
- **Zero maintenance and easy installation** means no lost time and money
- **Many optional accessories and features** to make customizing easier
- **No bandwidth limits or measurement signal delay** for accurate dynamic measurements

Michigan Scientific Corporation has been designing and manufacturing both standard and custom slip ring assemblies for over fifty years. As a leading global powerhouse in the measurement and testing industry, Michigan Scientific's slip ring assemblies have been proven to perform in countless industries to provide reliable, quality measurements. Thanks to a commitment to continuous research and development, Michigan Scientific equips companies with innovative solutions for testing technology and development.

Michigan Scientific slip ring assemblies are made up of wrought precious metals that transfer electrical signals through a ring and brush interface, to or from a rotating device. Slip ring assemblies provide a way to make rotating electrical connections to strain gauges, thermocouples, accelerometers, and other sensors. Because of their reliability, ease of use, and quality signals, slip rings are the first choice when testing strain, torque, temperature, or thrust in countless industries such as, the automotive, aerospace, robotic, agriculture, energy, and medical industries.



## STANDARD END OF SHAFT SLIP RING ASSEMBLIES

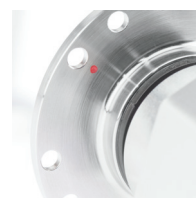
Model	Number of Connections	Rotor Diameter in (mm)	Max. RPM <sup>1</sup>	Weatherproof Option	Encoder <sup>2</sup>
S-SERIES	4, 6, 8, 10	1.625 (41.3)	12,000		
SHORT S-SERIES	4, 6, 8, 10	1.625 (41.3)	12,000		
S/D	4, 6, 8, 10	1.625 (41.3)	12,000		
SR-SERIES	10	2.000 (50.8)	12,000		
	20	2.000 (50.8)	4,000	•	
	36	2.000 (50.8)	2,400		
SR/E60	4, 6, 8, 10	2.000 (50.8)	6,000	•	•
SR/PE512	4, 6, 8, 10	2.000 (50.8) & 2.500 (63.5)	10,000	•	•
SR/ERT	10, 20, 36	2.000 (50.8) & 2.500 (63.5)	10,000	•	•
SR10AW/E60/A	10	2.500 (63.5)	2,000	•	•
SR45A-AXHS	45	2.500 (63.5)	4,000		
SR60A-AXHS	60	2.500 (63.5)			
SR20/75/W	20	0.750 (19.1)	4,000	•	

## STANDARD TUBULAR SLIP RING ASSEMBLIES

Model	Number of Connections	Rotor Diameter in (mm)	Max. RPM <sup>1</sup>	Weatherproof Option	Encoder <sup>2</sup>
B4-2 B6-2 B8-2	4 6 8	2.000 (50.8)	7,000		
B4-3.2 B6-3.2	4 6	3.200 (81.3)	6,000		
B7-1.24W	7	1.240 (31.5)	3,500	•	
B4-2WT	4	2.000 (50.8)	7,000	•	
B6-2W	6	2.000 (50.8)	7,000	•	
B6-3.2W	6	3.200 (81.3)	6,000	•	
B8-2/E60	8	2.000 (50.8)	7,000		•
B7-T-1.2W	7	1.200 (30.5)	3,500	•	•
BA-T-1.2W	7	1.200 (30.5)	3,500	•	•

<sup>1</sup>Max RPM varies with encoder and weatherproofing options. Please contact Michigan Scientific for information on max RPM rating for your specific model.

<sup>2</sup>Please contact Michigan Scientific for information on available encoder options.



Michigan Scientific Corporation  
[www.michsci.com](http://www.michsci.com)

8500 Ance Road  
Charlevoix, MI 49720  
Tel: 231-547-5511  
Fax: 231-547-7070

321 East Huron Street  
Milford, MI 48381  
Tel: 248-685-3939  
Fax: 248-685-5406

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