

SRH1254 SERIES

+ 12.7MM Through-bore



SRH0422 4.5mm Through-bore

Slip rings can be used in any electromechanical system requiring unrestrained, continuous rotation, while transmitting power and/or data from a stationary to a rotating structure.

A slip ring is sometimes referred to as a rotary electrical interface, collector, swivel or rotary joint.

The SRH Series uses multiple contact point technology, allowing for low contact electric resistance between brushes and ring. This reduces electrical noise and the slip ring gets a longer lifetime.

No lubrication required.

We can also offer custom designs. As a customer you have the possibility to specify the slip ring to comply with your needs. We can also offer hybrid units, for example a combined slip ring and fiber optic rotary joint, integrated into one small housing. Other options we can offer inclusion of coax and miniature data bus cables, harnessing of lead wires into chosen crimps and connectors.

PRODUCT FEATURES

- Compact size
- Quick delivery
- Low cost
- High reliability and duration
- Low friction torque
- Smooth rotation
- In compliance with CE and ROHS standards

APPLICATIONS

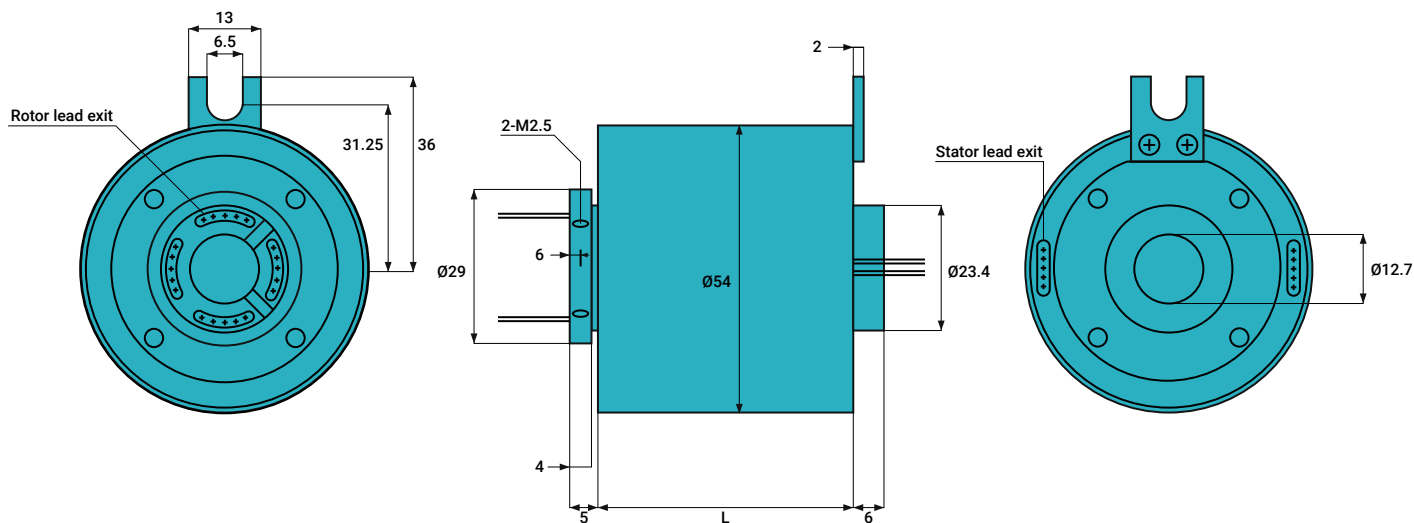
- Cable reels
- Medical equipment
- Packaging machines

TECHNICAL SPECIFICATIONS

Number of circuits	6, 12, 18, 24
Voltage	600 VAC
Cables/Current rating	Tin plated, PTFE insulation / 5 A: AWG22
Dielectric strength	1000 VAC at 60 Hz
Insulation resistance	500 VAC at 60 Hz; > 1000 MΩ / 500 Vcc
Nominal speed	1000 rpm
Temperature	-20°C to +80°C
Rating life	10 ⁸ revolutions (depending on speed and on environmental conditions)
Contact	Gold on Gold / Silver on Silver
Protection	IP51 or high or request

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LEAD COLOR CODE	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
SRH1254-6 In lead exit 1	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
SRH1254-12 In red shrink tube	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
	7.PUP	8.GRY	9.BRN	10.ORN	11.DBLU	12.KHK
SRH1254-18 In red shrink tube	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
	7.PUP	8.GRY	9.BRN	10.ORN	11.DBLU	12.KHK
SRH1254-18 In black shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
SRH1254-18 In blue shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
SRH1254-24 In red shrink tube	19.PUP	20.GRY	21.BRN	22.ORN	23.DBLU	24.KHK
SRH1254-24 In black shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
SRH1254-24 In blue shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
SRH1254-24 In green shrink tube	19.PUP	20.GRY	21.BRN	22.ORN	23.DBLU	24.KHK

*For more colour codes, please contact us.

MODELS	Total Rings	5A	Length (L)	Model number
	6	6	33.8 mm	SRH1254-6
	12	12	47 mm	SRH1254-12
	12	18	60.2 mm	SRH1254-18
	18	24	73.4 mm	SRH1254-24

*Please note that all dimensions can be modified upon customers request.