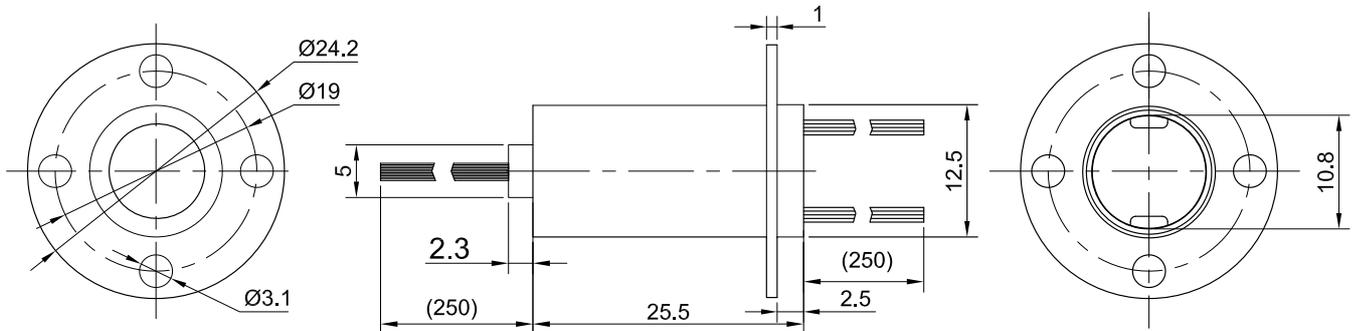


12 Rings at 240V / 2A
12,5mm housing diameter

- For analog and digital signal transmission
- Gold to Gold contacts
- Metal housing with flange
- Low current noise



all dimensions in mm

ELECTRICAL CHARACTERISTICS

Number of rings	12
Current	240 VAC/DC
Voltage	2A per ring
Dielectric strength	500 VAC (60 Hz) ring to ring
Insulation resistance	1000 MΩ at 500 VDC
Noise	≥20 mΩ
Protection	IP54

MECHANICAL CHARACTERISTICS

Mechanical angle of rotation	360° continuous
Rotating speed	300 rpm
Rotational life (rotor movements)	< 60.000.000*
Operating temperature (°C)	-20°C to +60°C
*application dependent	

Description: Sliprings are used in electrical - mechanical systems where a uninterrupted current or signal transmission from a static to an rotating object has to be to proceed. The encapsulated sliprings are integrated into a metal housing, this avoids the influence of interferences. Special wipers are sliding on a track, wiper and track are formed to fit perfectly into each other. This construction enlarges the contact surface, reduces current noises and improves the life time performances.

Application: Robotics, Rotative sensors, Aviation, Military, Medical equipment, Measurement and testing devices, Rotary indexing table, Video systems.

MATERIAL

Stator	Alumina
Rotor	Thermoset plastic
Contacts	Gold to Gold
Connecting wire	AWG28, copper, silver plated Teflon™ covered

COLOR CODING FOR WIRES

(as an example)

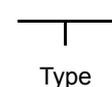
Color	Ring
Black	Ring 1
Brown	Ring 2
Red	Ring 3
Orange	Ring 4
Yellow	Ring 5
Green	Ring 6
Blue-Black	Ring 7
Purple	Ring 8
Grey	Ring 9
White	Ring 10
Pink	Ring 11
Light blue	Ring 12

OPTIONS ON REQUEST

Special rings for 5 or 10A
Mechanical adapter
Coax- or databus wiring
Other lengths of the wires
Connector

ORDERING INFORMATION

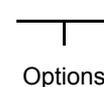
MI12X4AL



Type

Detailed information: www.megauto.de/slipring

length of the wire 500mm



Options

MEGAUTO KG • 01156 Dresden • Am Tummelsgrund 48 • www.megauto.de
Tel.: +49 351 65878940 • Fax: +49 351 65878949 • mail: info@megauto.de

2014• subject to change without notice/E & OE, ROHS compliant product

