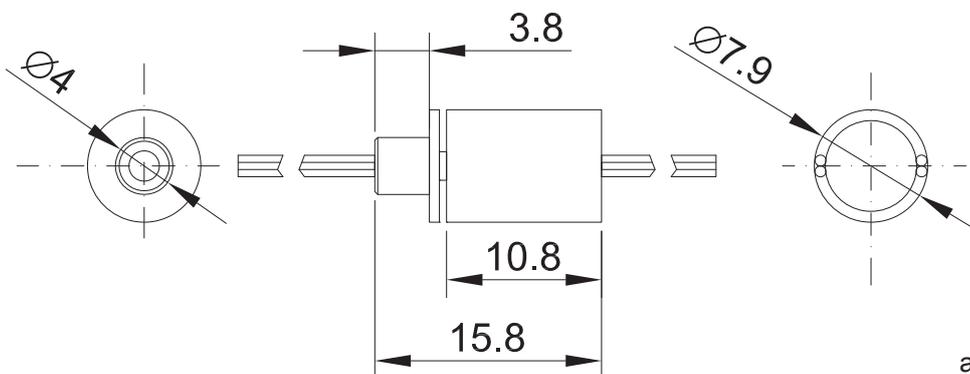


4 Rings at 240V / 1A
8 mm housing diameter

- For analog and digital signal transmission
- Gold to Gold contacts
- Stainless steel housing
- Low current noise



all dimensions in mm

ELECTRICAL CHARACTERISTICS

Number of rings	4
Current	240 VAC/DC
Voltage	1A per ring
Dielectric strength	500 VAC (60 Hz) ring to ring
Insulation resistance	1000 MΩ at 500 VDC
Noise	≥5 mΩ
Protection	IP54

MATERIAL

Stator	Stainless steel
Rotor	Stainless steel / Plastic
Contacts	Gold to Gold
Connecting wire	AWG28, copper, silver plated Teflon™ covered

COLOR CODING FOR WIRES

Color	Ring
Brown	Ring 1
Red	Ring 2
Orange	Ring 3
Yellow	Ring 4

MECHANICAL CHARACTERISTICS

Mechanical angle of rotation	360° continuous
Rotating speed	300 rpm
Rotational life (rotor movements)	<45.000.000*
Operating temperature (°C)	-25°C to +65°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.

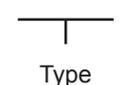
OPTIONS ON REQUEST

External thread (on stator side)
Other lengths of the wires
Connector

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

ORDERING INFORMATION

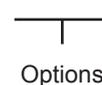
MC4X3SS



Type

Detailed information: www.megauto.de/slipring

length of the wire 500mm



Options

Please note: The specification and information in this datasheet cannot consider all special demands that are caused by the application. Because of this, they are no general description of the properties of the product. Megauto does not assume any responsibility for damages due to improper application of our products. The user has to ensure by its own, that the products used are suitable for this application. Megauto does not warrant the reproducibility of published applications.