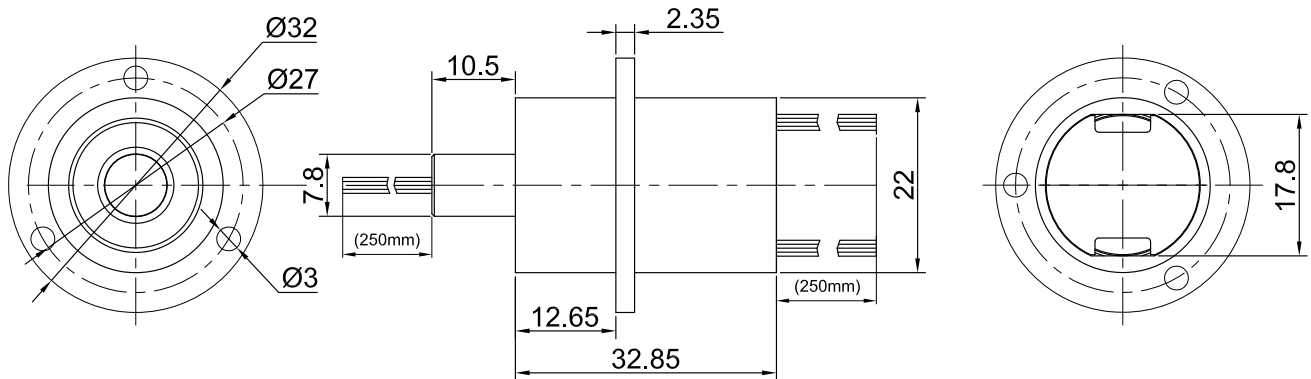


18 Rings at 240V / 2A
22mm housing diameter

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



all dimensions in mm

ELECTRICAL CHARACTERISTICS

Number of rings	18
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	250 rpm
Rotational life (rotor movements)	according application
Bearing type	precision ball bearings
Operating temperature (°C)	-20°C to +60°C

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

Color	Ring	Color	Ring
Black	Ring 1	Black	Ring 13
Brown	Ring 2	Brown	Ring 14
Red	Ring 3	Red	Ring 15
Orange	Ring 4	Orange	Ring 16
Yellow	Ring 5	Yellow	Ring 17
Green	Ring 6	Green	Ring 18
Blue	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

CA18X4AL

Type

Detailed information: www.megauto.de/slipring

length of the wire 500mm

Options

MEGAUTO KG • 01156 Dresden • Am Tummelsgrund 48 • www.megauto.de
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