

MW4032 series slip rings

MW4032 series is inserting large current slip ring without mercury. Except conventional advantages, it has advantages of convenient connection and stronger current-carrying capability. It can replace the conventional mercury slip ring. This series slip ring is especially designed for industrial manufacturing industry, which can fully meet national and EU environmental standards, in line with international environment requirements. The conducting ring adopts precious metal with plating processing; the electrical brush adopts precious alloy wire; the connector adopts standard flat connector which is convenient for connection.



Part# Explanation

MW 4032 - P0230-P0208

MW: large current series slip ring

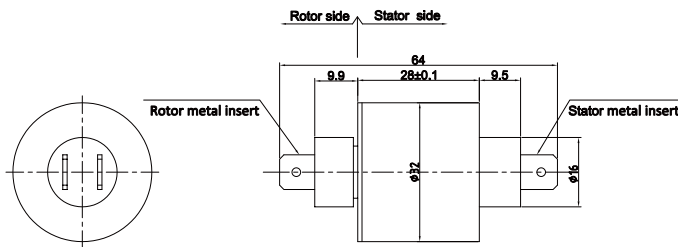
4 : exit with pins

032: outer diameter 32mm

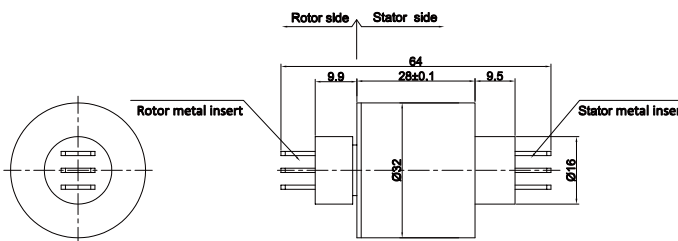
P0208 : 2 rings , 8A/ring

P0230 : 2 rings , 30A/ring

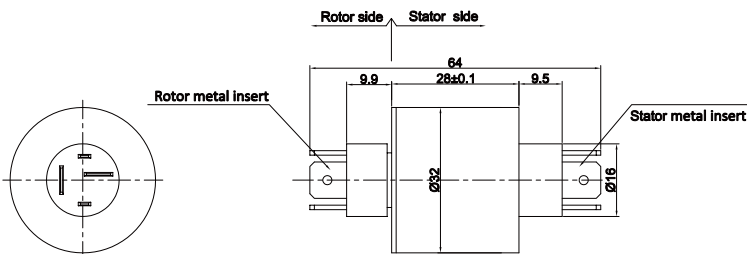
MW4032-P0230 Dimensions



MW4032-P0330 Dimensions



MW4032-P0230-P0208 Dimensions



Part# List

| MW4032 Series (Insertion) slip ring part# list | | | | |
|--|-----|--------------|-------------|----------------------|
| Part# | 30A | Signal or 8A | Length (mm) | Remarks |
| MW4032-P0230 | 2 | 0 | 47.4 | Can replace A2H,M230 |
| MW4032-P0330 | 3 | 0 | 47.4 | Can replace A3H,M330 |
| MW4032-P0230-P0208 | 2 | 2 | 47.4 | Can replace A4H,M430 |

Note: N channels 30A rings parallel can be used as 1 channel N * 30A current. For example: 2 rings 30A parallel could be used as 1 wires 60A

Specification

| Electrical Data | | |
|-----------------------|---|----------------|
| Parameter | Value | |
| | Power | Signal |
| Rated Voltage | 0~200VAC/VDC | 0~220VAC/VDC |
| Insulation Resistance | ≥500MQ/300VDC | ≥500MQ/300VDC |
| Lead Wires | Exit with pins | Exit with pins |
| Dielectric Strength | 500VAC@50Hz, 60s | |
| Electrical Noise | <0.01Ω | |
| Mechanical Data | | |
| Parameter | Value | |
| Working Life | 20 Million revs | |
| Rotating Speed | 250RPM | |
| Working Temperature | -30°C~80°C / -45°C~80°C (military-industrial options) | |
| Operating Humidity | 0~85% RH / 0~97% RH (military-industrial options) | |
| Contact Material | Gold-plated | |
| Housing Materia | aluminium alloy | |
| Torque | 0.1N.m; +0.03N.m/6rings | |
| Protection Grade | IP51 | |