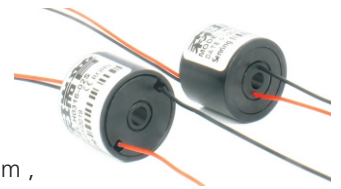


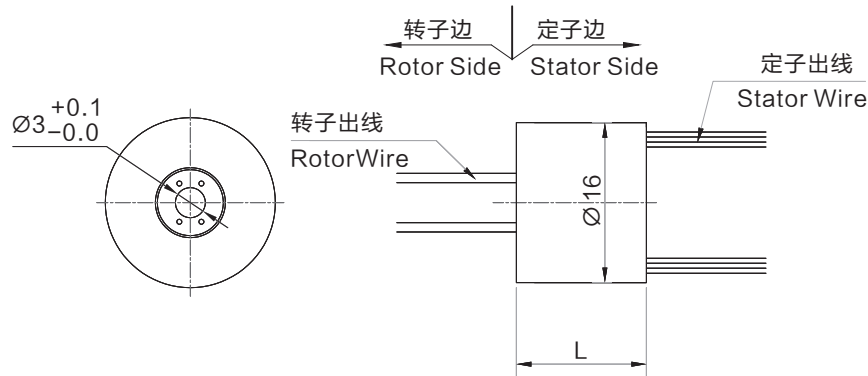
H0316 Series



H0316 series standard precise slip ring, integrated structure design, with through hole 3mm , OD16mm , suitable for rotating application which requires a through hole $\leq 3\text{mm}$

Part No. Description

| H0316 - Signal circuits no. | |
|---|---|
| H:through hole slip ring 0316:ID 3mm, OD 16mm | Example: 06S:6circuits signal (0~2A) 12S:12circuits signal (0~2A) |



Standard Model List

| H0316 series model list | | |
|-------------------------|-----------------------------|--------------|
| Part no. | Circuits no(signal or 0~2A) | Length L(mm) |
| H0316-02S | 2 | 13 |
| H0316-03S | 3 | 13 |
| H0316-04S | 4 | 13 |
| H0316-06S | 6 | 21 |
| H0316-08S | 8 | 21 |

*Remark: Circuits can be combined in parallel for bigger current, N circuits of 2A to get $N*2A$, such as 2 circuits of 2A in parallel for 4A use.

Technical Specification

| Mechanical | | Electrical | |
|------------------|--|-----------------------|--|
| Spec | Data | Spec | Data |
| Working life | pls refer to product grade table | Rated voltage | 0~240VAC/VDC |
| Rotating speed | pls refer to product grade table | Insulation resistance | $\geq 500\text{m}\Omega/500\text{VDC}$ |
| Working temp. | $-30^{\circ}\text{C}\sim 80^{\circ}\text{C}$ | Lead wire spec. | AWG30# Silver-plated teflon |
| Work humidity | 0~85% RH | Lead wire length | standard 300mm(can be customized) |
| Contact material | pls refer to produce grade table | Dielectric Strength | 500VAC@50Hz,60s |
| Housing material | AL alloy | Electrical noise | $<0.01\Omega$ |
| Torque | 0.05N.m (+0.02N.m/6circuits) | | |
| IP grade | IP51 | | |

Color code of Lead Wire

| ring# | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---------|
| color | BLK | BRN | RED | ORG | YEL | GRN | BLU | PUR | GRY | WHT | PINK | LGT BLU |

Remark: "1" : the first wire from rotor side , M125A-06 wire color sequence: BLK/BRN/RED/ORG/WHT/GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....