

## Appendix I

### AVF series oil top drive connectors

#### Brief introduction

- Custom-made heavy duty product, rating current can reach 1130A;
- Plug and receptacle use double thread coupling
- Plating: stainless steel passive, copper matrix nickel plating, aluminum alloy anodized
- Protection degree: IP 68;
- Plug and receptacle can both mount with pin or socket
- Socket: wire spring socket, crown band socket
- Termination: crimping, crimping area can be made according to custom need.



### FZ series slip ring

#### Brief introduction

- Contains one stator and one rotor;
- 6~165 cores, can transmit signal steadily
- Shell: stainless steel
- Custom-made plug and cable assemblies
- Endurance: 1.5 million cycle;
- Electrical performance: rated current  $\leq 5 \sim 110A$
- Insulator resistance: normal temp  $\geq 500M\Omega$
- Withstanding voltage:  $\leq 1500V$ , 50HZ, 1 min
- Contact resistance:  $\leq 15m\Omega$



### Elasticity thread cable assembly

#### Brief Introduction

- Custom-made cable assembly, easy to carry, save space;
- Elasticity thread cable, can be made into different length;
- The connector comply with GJB598A (MIL-C-26482);
- Plating: stainless steel passive, copper matrix nickel plating, aluminium matrix anodized
- Connector and cable use plastic sealing, Protection degree: IP67
- Contact: pin & socket

