













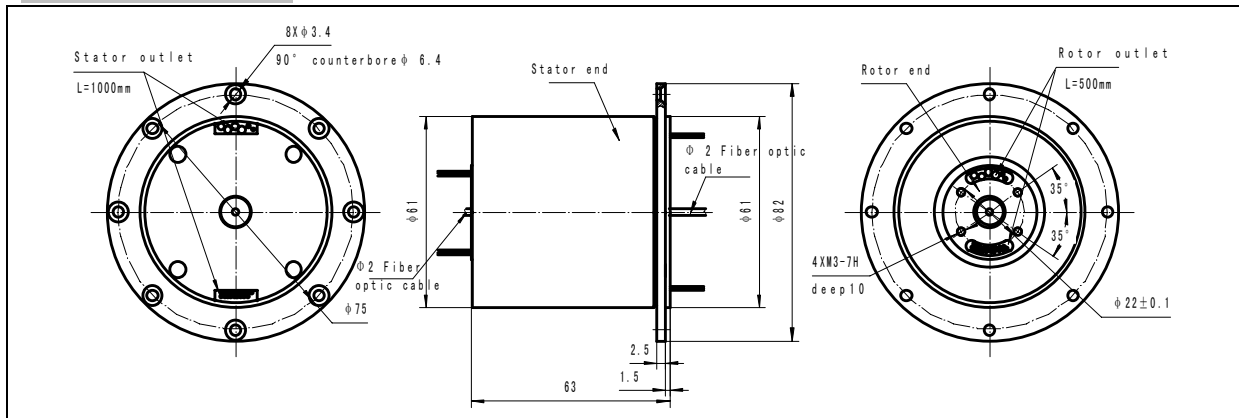






# IFZ-1G25D mixed rotary joint with 1 optical fiber contact and 25 electrical contacts

## Outline dimensions



## Performance

### [Optical]

- Contact: 1
- Operation wavelength: 1310/1550nm
- Transmission mode: signal mode
- Insertion loss (including rotation variation): ≤5dB

### [Electrical]

- Contact: 25
- Operating current: 9mA~15A
- Differential signal;: input 150 Mbit/s signal, error rate is 10<sup>-10</sup>
- Withstanding voltage: : 500V/AC
- Operation voltage: 350mV~40V
- Insulation resistance: ≥500MΩ (connector to connector, connector to shell) at ambient temperature
- Contact resistance: ≤50mΩ (excluding the wire) at ambient temperature

### [Environmental]

- Operating temperature: -40°C~80°C
- Storage temperature: 200 million rotation;
- Rotation speed: not more than 10 rotation/minute
- Vibration: 5Hz ~200Hz~5Hz, two cycles, 15 minute for one cycle
- Shock: half-sine wave, acceleration 60g;
- Material of shell: Aluminum alloy, black paint
- Hermetic: None