



SciTrue

SciTrue – – An Expert of Slip Ring

Underwater Slip Ring

Description

- ▲ The underwater slip ring is used to transmits electric power, various electric and optical signals between two counter rotating platforms in underwater environment.
- ▲ The inner space of slip ring is filled with oil to provide the pressure compensation under water.
- ▲ Compact size , Withstand axial tensile force.
- ▲ Adopting gold to gold contact to transmit electric power and signals with low temperature rise and long working life.
- ▲ Using high quality seals with long service life, no leakage.



Features

- ◆ Compact small size
- ◆ Small Rotary torque
- ◆ Power Voltage Rating to 500V
- ◆ Low contact resistance, stable signal transmission
- ◆ High quality, high reliability

Typic Application

- ◆ deep-water exploration
- ◆ Marine engineering field
- ◆ subsea equipment



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Operating Parameters

Working Pressure	≤30MPa(3000M underwater)
Rotary Speed	≤30rpm
Voltage Rating	≤500VAC
Current Rating	≤200A
Optical Wave Length	650~1550nm
Electric Signals	Low frequency, bus, Ethernet signal, etc.

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