

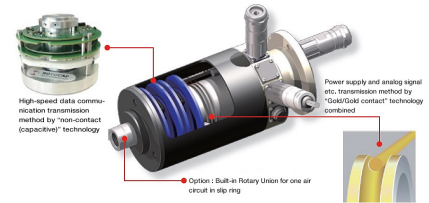
SEAL TECH INC.

Transmission Devices

「ROTOCAP」 -GAT® Slip Ring for MECHATROLINK-III

Features

- Non-contacting, capacitive data transmission for 100Mbps Fast Ethernet
- Maintenance-free slip ring
- Combined with contacting gold/gold technology for power supply etc.
- For all standard 100BASE-TX protocols
- High resistance against EMI and ESD



ROTOCAP series

Specifications

Item	Specifications
Housing outer diameter	φ160mm
Supported protocols	100BASE-TX (Fast Ethernet, EtherCAT, Profinet, POWERLINK, SercosIII, MECHATROLINK-III)
Bit error rate max.	$<1 \times 10^{-12}$
Latency [μs]	$<2\mu\text{s}$
Operating temperature	-40°C to +80°C
Supply voltage [VDC]	5, 12, 24VDC
Typical life span	Non-contacting portion / Maintenance-free Gold / Gold contact portion / 100 mil. Rotations
Protection class	IP64 (standard) up to IP65
Option	One air channel available in slip ring unit

Contact Information

SEAL TECH INC.

Head office

SHIN-YOKOHAMA IC BLDG. 8F 18-9, SHIN-YOKOHAMA 3-CHOME, KOHOKU-KU, YOKOHAMA-SHI, KANAGAWA 222-0033, JAPAN

TEL : +81-45-473-7001

FAX : +81-45-473-7017

E-mail : sales@sealtech.co.jp

URL : http://www.sealtech.co.jp