

SEACON

PRODUCT DATASHEET

SEACON ADVANCED PRODUCTS, LLC

OPTICAL WET-MATEABLE CONNECTORS

HYDRALIGHT, ROV, 8-CHANNEL, OPTICAL WET-MATE

- Field proven, connectors installed subsea
- Extensively qualified
- Long-term applications
- Qualified to 23,000 feet (7,000m)
- Refer to datasheet SAPL-DS-0001



G3, OPTICAL WET-MATE

- Very small form factor, with low loss optical performance
- 6-channel optic (single-mode, multi-mode)
- Up to 15,000 psi
- Operating temperature 150°C (302°F)
- Refer to datasheet SAPL-DS-0030



ELECTRICAL WET-MATEABLE CONNECTORS

CM2000, HIGH-INTEGRITY, ELECTRICAL WET-MATE

- Field proven
- Extensively qualified
- Long-term applications
- Refer to datasheet SAPL-DS-0061



OPTICAL AND HYBRID DRY-MATE CONNECTORS

DRY MATE OPTICS

- Dry mateable
- Single-mode/multi-mode
- Electro/optical hybrid
- Up to 20,000 psi
- Insertion loss < 1.0dB typically < 0.5dB
- Refer to SEACON catalogue



FIBER OPTIC PENETRATORS

FIBER OPTIC PENETRATORS

- Single to multi-way
- Qualified to 10,000 psi (690 bar)
- Full differential pressure rated
- Modular design
- Refer to datasheet SAPL-DS-0100



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UNDERWATER SWITCHES

- **Limit Switch:** Refer to datasheet SAPL-DS-0202
- **Plastic Limit Switch:** Refer to datasheet SAPL-DS-0203
- **Proximity Switch:** Refer to datasheet SAPL-DS-0204
- **Modular Proximity Switch:** Refer to datasheet SAPL-DS-0205
- **Positive Action Switch:** Refer to datasheet SAPL-DS-0206



Positive Action Switch

FIELD INSTALLABLE PRODUCTS

MSSQ RUFF-NEK

- Depth rating 15,000 feet
- Electro-optic hybrid configuration
- Design life 20 years
- Secondary seals on contacts allow for operation even if water flooded
- Refer to datasheet SAPL-DS-0341



ARMOR TERMINATION ASSEMBLY (ATA)

- Depth rating full ocean depth
- Design for easy adaptability to cable variations
- Design life 20 years
- Qualification tested breaking strength 16,900 pounds
- Refer to datasheet SAPL-DS-0302



MSSQ-FLANGE CONNECTOR RECEPTACLE (FCR)

- Designed for connecting to MUX cable connectors
- Depth rating 20,000 psi mated, 5,000 psi open face
- Design life 20 years
- Dual o-ring seals throughout
- Refer to datasheet SAPL-DS-0304



QUALITY

- **SEACON** Advanced Products, LLC operate a Quality Management System certified to ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.



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