



## EFS Series Connectors

**Electrical feedthrough system for 1140 bar (16,530 psi) rated X-mas trees**

- Wet-mate and dry-mate connectors
- Topside and subsea use
- X-mas tree and TH applications

### Electrical Properties

- **Number of Contacts:** Up to 4 (3 + 1 ground)
  - Size 16 and 20 for 16 AWG or 20 AWG wires
- **Rated Voltage:** 500 VAC
- **Rated Current:** 5 A

### Mechanical Properties

- **Rated Pressure:** Up to 1140 bar (16,530 psi), depending on version
- **Rated Temperature:** -18°C to 177°C (0°F to 350°F), depending on version

### Materials

- **Housings:** High-grade nickel alloy, superduplex
- **Insulators:** Glass, PEEK, dielectric oil
- **Contacts:** Gold-plated copper alloy, superduplex
- **Coupling Rings:** Titanium, superduplex, Inconel
- **Elastomers:** Fluorocarbon (FKM)

### Additional Characteristics

- HH NACE MR0175
- PSL3G qualified
- Hermetic connectors
- Double metal-to-metal sealing solutions
- Sealing boot terminations
- Standard Ø1/4" (6.35 mm) DHG control line interface

