



# DigiTRON<sub>f</sub>

Fiber Optic Reliability Performance

**DigiTRON<sub>f</sub>** is Siemens response to a need for higher reliability fiber optic (FO) connectors.

Following extensive qualification testing, the trusted name of DigiTRON has launched a 12 way wet-mate fiber connector with a focus on reliable and repeatable performance, low optical loss and increased fiber count as standard - while being a cost effective alternative to existing products.

- More connections possible within the system optical budget
- Reduced connector count is possible with greater levels of redundancy
- Repeatability for increased system reliability and availability
- Confidence in increased use of subsea fiber connections

DigiTRON<sub>f</sub> has achieved high mate counts with no oil-loss or need for oil-flushing and exceeds the performance requirements of the Seaform TSD-02 specification.

DigiTRON<sub>f</sub> connectors share many common features with our DigiTRON range of connectors, making them operationally robust and familiar to users. These include identical materials, CE principle sealing, alignment method, latch and indicator, ROV handle and AquaTRON hose system.

**12-way APC**

**1000 mates qualified**

**No maintenance**

**High repeatability**

**Low optical loss**  
Typ IL<0.2dB RL>70dB

**Seaform qualified**

# The DigiTRON range

- DigiTRON+** LV comms and power, AC and DC qualified
- DigiTRONe** Ethernet, 100 Mbps, SiiS level 3
- DigiTRON3** 3kV AC rated system, long step-outs
- DigiTRONf** High reliability 12-way fiber optic connection
- DigiTRONacs** Advanced Converter & Switch: FO to copper conversion



**Associated product ranges**

- ElecTRON**  
XT electrical feed-throughs
- SpecTRON**  
HV electrical connectors
- WEPS & SDP**  
Well-head PT Sensor & Subsea  
Differential Pressure Sensor

Siemens Subsea offers a complete product portfolio to cover all the connection and measurement needs of subsea control systems and XT equipment

Manufactured Under One Roof in the UK (sensors Norway)

One Contract for Multiple Scopes of Supply | Best Prices  
For Increased Volume | Joined-Up Delivery Schedules

For further information:  
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