

Courtesy Divex



# PDM

Subsea products and services



**Impulse Titan Connectors**

# Impulse Titan Connectors



The Impulse Titan range of connectors was developed for long term survival in demanding operating environments. They are approved by the US Navy. Within the range there are dry and wet pluggable options.

The connectors are ideally suited to equipment involved in seabed operations such as trenching and cable laying. This work creates large volumes of sediment moving at considerable speeds. This sediment can have degrading effects on subsea components such as connectors and harness assemblies. Seismic operations can also subject equipment to extremely hazardous conditions. The metal shell Titan connectors have been successfully used on several such demanding projects.

At the other end of the scale the miniature versions of this connector have been used on small harness assemblies in the Divex Stealth(TM) advanced diving system. Despite their small size these connectors are robust in handling and can cope with the movements of a suited diver.

The connectors are available in a number of sizes from 7 to 37 contacts and in bulkhead, inline and flange configurations. They incorporate a metal key for easy alignment and maximum resistance to torsional load. The connectors are rated to 10,000psi mated and 5,000psi open face (Bulkhead).



A selection of Titan underwater Connectors

To complete the cable assembly, PDM offers a rapid termination and moulding service at Alton, Hampshire. It also offers a comprehensive harness design and manufacturing facility.

All development and production work at Alton is carried out under BS EN ISO9001:2000 to ensure the quality and reliability of the delivered product.

For more details of the product please contact Gary Kelly (UK Sales Manager) or Anders Hill (European Sales Co-ordinator).



## PRODUCT DATA

Configuration:	Bulkhead, Flange and Inline
Contacts:	Dry-10; Wet-7,8,10,12,13,16,19,37
Contact finish:	Gold
Threads:	3/8" - 32 UNEF-2A to 1 1/2" - 12 UNF-2A
Shell:	316 SS
Insert:	Moulded Neoprene
Voltage max:	600 VDC
Current max:	14#(AWG)-15A, 16#-12A, 22#-2A
Pressure(mated):	10,000 PSI max.
Pressure(o/face):	5,000 PSI max. (Bulkhead)
Quality (Neptec):	BS EN ISO 9001:2000
Specifications:	For full details see the Impulse catalogue.



Miniature Titan connectors

Product brochures are available on

Epoxy/Rubber Moulded Connectors  
Underwater Pluggable Connectors  
Connectors/Cable Assemblies  
Quickcure Moulding System  
High Density Connectors  
Wet Pluggable Connectors  
Polyurethane Elastomers  
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Fibre Optic Penetrators  
Polyethylene Moulding

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BS EN ISO 9001:2000