

Courtesy CTC Marine Projects



# PDM

Subsea products and services



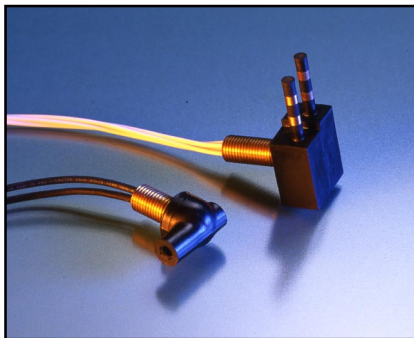
**Impulse Underwater Pluggable Connectors**

# Impulse Underwater Pluggable Connectors

PDM supplies the Impulse range of underwater pluggable connectors. Impulse has drawn on its vast experience to produce effective water expulsion and connection features in these connectors.

The connectors are approved for mating at depth, and the open face pressure rating is 5000lb/in<sup>2</sup>. The robust construction and mating features are designed to compensate for the difficulty of underwater working. Available in 2 to 8 way contact form, these novel connectors are now an accepted industry standard and have been widely used in underwater work. Applications include instrumentation, telemetry, and defence projects where the utmost reliability is required.

Impulse underwater pluggable connectors are manufactured to the highest quality standards and are fully proven in the test house and at sea.



Low profile Underwater Pluggable Connectors



A selection of conventional Underwater Pluggable Connectors

PDM holds substantial European stocks of these connectors and has a rapid response arrangement with Impulse where additional supplies are required. PDM also offers a comprehensive termination and moulding service under BS EN ISO 9001:2000.



## PRODUCT DATA

Configurations:	Bulkhead and In-line
Contacts:	2 to 8 (Series 3: 1 to 4)
Contact finish:	Gold
Threads:	7/16" - 20 and 1/2" - 20
Bulkhead receptacle:	Neoprene with Brass/SS body
Mating plug:	Neoprene (moulded on 24" SO cable)
Voltage max:	300 VDC (Series 3: 600 VDC)
Current max:	6.5A to 15A dependant on type
Pressure(mated):	10,000 PSI max.
Pressure(o/face):	5,000 PSI max.
Quality (Impulse):	MIL-I-45208, MIL-G-45204, MIL-STD-2000-1,2,3
Quality (Neptec):	BS EN ISO 9001:2000
Specifications:	For full details see Impulse catalogue.

**Please contact us if you require advice on connector selection. PDM engineers will be please to assist you and may be able to help with your total connector system requirement at the same time.**

Product brochures are available on

Cable Assemblies  
Epoxy/Rubber Moulded Connectors  
High Density Connectors  
Design and Development Projects  
Encapsulated Products  
Micro Wet Pluggable Connectors  
Wet Pluggable Connectors  
Polyurethane Elastomers  
Transition Zone Connectors  
Quickcure Moulding System

Defence Projects  
Titan Connectors  
Penetrators  
Bend Limiters  
Polyethylene Products  
IE55 Connectors  
Hybrid Connectors  
Fibre Optic Connectors  
Fibre Optic Penetrators  
Polyethylene Moulding

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BS EN ISO 9001:2000