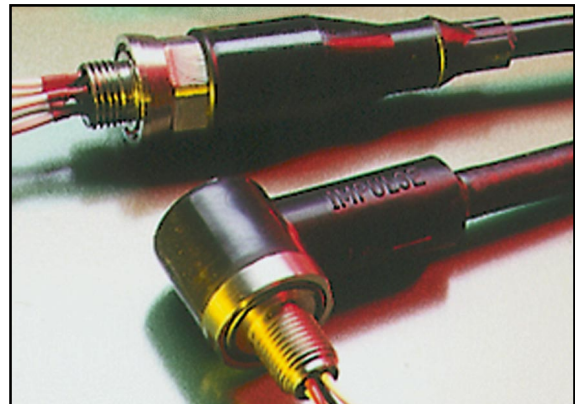


PDM

Subsea products and services

Courtesy Hydrolab

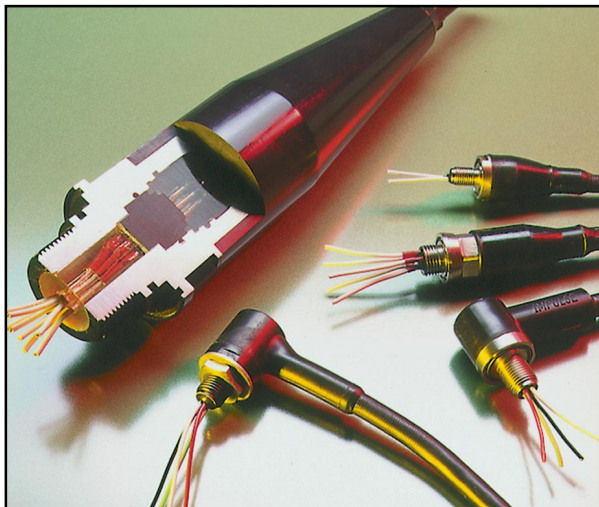


Impulse Penetrators

Impulse Penetrators

For maximum reliability the number of connections in a system should be reduced to a minimum. This approach should be exercised even more stringently in the harsh underwater environment.

With this objective in mind Impulse have produced a range of high reliability water blocked penetrators. These products replace what is normally a connector application with a straight through wired connection. The range includes an attractive selection of miniature penetrators for compact instrumentation. All units are water blocked up to 10,000 PSI. These penetrators offer a significant cost saving compared with the standard bulkhead/in-line connector combination. Penetrator cable type and length can be supplied to customer requirement.

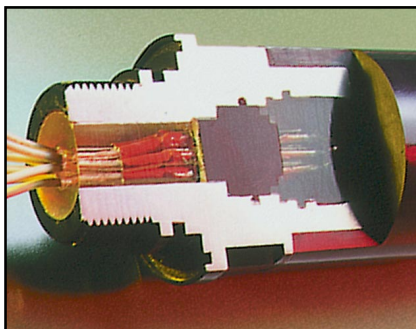


A selection of Penetrators

Termination and moulding of the free cable end can be carried out by PDM Neptec under BS EN ISO 9001:2000. Special penetrator configurations can also be produced for applications not covered by the standard range. PDM offer a comprehensive application engineering service.



PRODUCT DATA



Penetrator construction

Configuration:	Bulkhead
Contacts:	2-20 Standard range, specials available
Threads:	3/8"-24, 1/2"-20, 3/4"-16, 1"-14
Shell:	316SS, 6061-T6 Aluminium
Insert:	Glass reinforced epoxy
Water Block:	10,000 PSI
Voltage max:	600VDC
Current max:	16#(AWG)-12A
Pressure:	10,000 PSI
Quality Impulse:	MIL-I-45208, MIL-G-45204, MIL-STD-2000-1,2,3
Quality Neptec:	BS EN ISO 9001:2000

NB. Ratings above may be influenced by the attached cable.

Please contact us if you require advice on penetrator selection. Our applications engineering service is free and we may be able to help you 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
Underwater Pluggable Connectors
Micro Wet Pluggable Connectors
Wet Pluggable Connectors
Polyurethane Elastomers
Transition Zone Connectors
Quickcure Moulding System

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

PDM Neptec



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BS EN ISO 9001:2000