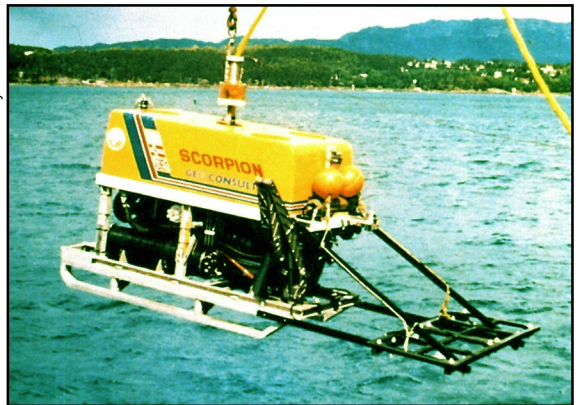


Courtesy Geoconsult



PDM

Subsea products and services



Impulse IE55 Connectors

Impulse IE55 Connectors

The Impulse range of IE55 connectors is built to withstand the worst conditions the underwater environment can produce. These heavy duty connectors are based on well proven design concepts and offer a cost-effective solution to designers. The product has been in service for over 15 years.

The maximum operating voltage for the standard product is 850 Volts, however special high voltage versions are available for use up to 3000 Volts. These rubber moulded metal shell connectors offer a particularly effective answer to a client's overall connector system requirement when they are supplied as an integrated connector/cable assembly by PDM.

Impulse has extensive experience in connector development and have optimised this product over a period of time for the environment. Specials are available to client requirements.



IE55 connector and Installation in Coil Frame

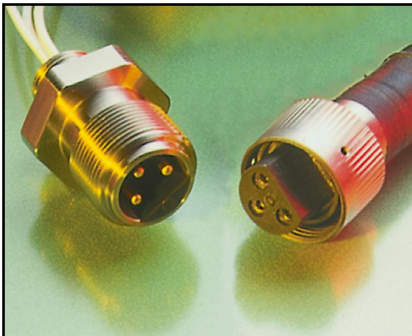
PDM Neptec offers applications advice and a comprehensive termination and moulding service to support this product. PDM also holds a generous stock of connectors and any not immediately available can be obtained quickly from Impulse.



PRODUCT DATA

Configuration:	Bulkhead, Flange and In-line
Contacts:	2 to 24 & 37 Standard range
Contact finish:	Gold
Threads:	$\frac{3}{4}$ " - 16 and $1\frac{1}{2}$ " - 12
Shell:	316 SS
Insert:	Moulded Neoprene
Voltage max:	850 VDC Standard, up to 3000 VDC Special
Current max:	10#(AWG)-25A, 14#-15A
Pressure (mated):	10,000 PSI max.
Pressure (o/face):	5,000 PSI max. (Bulkhead)
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.



IE55 Connectors

Please contact us if you require advice on connector selection. Our Engineers will be pleased to help, and may be able to assist you with your total connector system requirement at the same time.

Product brochures are available on

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

Defence Projects
 Bend Control Products
 Penetrators
 Cable Assemblies
 Polyethylene Products
 Titan Connectors
 Hybrid Connectors
 Fibre Optic Connectors
 Fibre Optic Penetrators
 Polyethylene Moulding

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BS EN ISO 9001:2000