

PDM

Subsea products and services



Impulse Micro Wet Pluggable Connectors

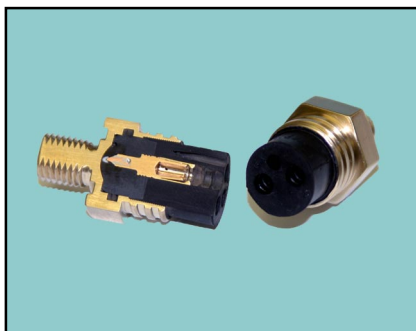
Impulse Micro Wet Pluggable Connectors

PDM has introduced the new Impulse **waterblocked** versions of the micro wet pluggable underwater connectors, in response to the demand for a secure, compact product.

Impulse wet pluggable connectors have seen extensive service in ROV's, instrumentation and communications. Clients for the product include: The National Oceanography Centre Southampton, Divex, SMD, Chelsea Instruments & Chalco Eleven. The main reason for the product's success is its reliability and operational flexibility.

The waterblocked micro connectors offer very compact profiles with 2, 3, 4, 5, 6 & 8 contacts in bulkhead and in-line configurations. The standard micro connectors are available with 2, 3, 4, 5, 6, 8, 10, 12, 16 & 18 contacts. Bulkhead bodies are available in stainless steel, brass, aluminium & titanium. All mouldings are in neoprene.

The connectors are rated to 10,000psi mated & 5000psi open face (Bulkhead). Full details are shown in the Product Data.



Section of waterblocked Micro WP connector



Impulse micro wet pluggable connectors

The connectors have already been used in major projects including new underwater vehicles. The product is usually a stock item and is available from PDM Neptec. PDM offers a rapid termination and moulding service. It also offers a comprehensive harness design and manufacturing facility at Alton.

All development and production work at Alton is carried out under BS EN ISO 9001:2000 to ensure the quality and reliability of the delivered product. For more details please contact Gary Kelly (UK Sales Manager) or Anders Hill (European Sales Co-ordinator) - both are based at Alton.

PRODUCT DATA

Configuration: Bulkhead and In-line
 Contacts: 2,3,4,5,6,8,10,12,16,18 (2,3,4,5,6,8 waterblocked)
 Contact finish: Gold
 Threads: 7/16" - 20 UNF-2A and 1/2" - 20 UNF-2A
 Bulkhead receptacle: Neoprene with Brass/316 SS/Aluminium/Titanium body
 Mating Plug: Neoprene with 600mm neoprene cable
 Voltage max: 600 VDC
 Current max: 12#(AWG)-15A, 15#-13.4A, 20#-3A, 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.

Product brochures are available on

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BS EN ISO 9001:2000