NEWS RELEASE

New Underwater Connector from Amphenol Ideal for Deep Submersion Applications
Can be used in depths up to 6,000 meters

Sidney, N.Y. October 2013 – Amphenol Industrial Global Operations, a global leader in interconnect systems, now offers a line of high performance, rugged and reliable underwater electrical connectors for deep submersion applications. The Submariner series of subsurface wet- and dry-mate connectors can be used in depths up to 6,000 meters (underwater pressure of up to 600 bar).

The connector is ideal for use by the military and government, diving equipment manufacturers, remotely operated vehicle (ROV) and autonomous underwater vehicle (AUV) manufacturers as well as deep submersion science and research projects.

The Submariner series is a full line of deep submersion connectors that include dry-mate connectors that are fully compatible with similar products in the industry. For example, these new connectors can be interchanged with existing connections in an ROV, without having to replace all of the vehicle’s connections.

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Designed to meet the rapid growth and rising demand in the global ROV market, the new Submariner series uses Amphenol’s molding and adhesion expertise to offer an optional molded-to-cable feature. This feature ensures that the seal between the cable and connector remains intact under water. All polymer-to-metal bonding surfaces are carefully sandblasted, cleaned, primed and molded. The rugged metal shells and recessed pins assure reliable performance in the most demanding environments.

Available in three different shell sizes and a variety of configurations, Amphenol’s Submariner series features wire gauges from 10 AWG to 20 AWG, a maximum operating voltage of 600 V and operating temperatures ranging from -5°C to 65°C.

For longer life and prolonged mating cycles, each connector is designed with gold-plated contacts per MIL-G 45204 at 30 microns. Cable assemblies and pigtails are available.

For more information, please visit http://www.amphenol-industrial.com or e-mail fyang@amphenol-aio.com.

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EDITOR’S NOTE: Amphenol Industrial Global Operations, headquartered in a 675,000 square foot facility in Sidney, N.Y., provides a full range of high reliability connectors and
interconnection systems specifically for the industrial markets including base stations, rail/mass transit, process control, automotive manufacturing, heavy equipment, and petrochemical/power generation.

Products include ruggedized-for-industry cylindrical, fiber optic, rectangular, and industrialized versions of Amphenol’s MIL-DTL-5015 cylindrical, MIL-DTL-26482 miniature cylindrical and GT reverse bayonet cylindrical connectors. It employs more than 1,400 people and is both ISO9001 and MIL-STD-790 certified.

Amphenol Industrial Global Operations is a division of Amphenol Corporation, Wallingford, CT, one of the largest manufacturers of interconnect products in the world, with year 2012 sales topping $4.3 billion.