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## NEWS RELEASE

### **Amphenol Offers Compact Explosion-Proof Circular Connector Series** *Amphe-Coal EX ideal for use in the mining industry*

**Sidney, N.Y. March 2015** – Amphenol Industrial Products Group, a global leader in interconnect systems, offers an explosion-proof, [heavy duty hazardous rated connector](#) series that provides outstanding performance in automated process control and instrumentation systems. The Amphe-Coal EX is a miniature version of Amphenol's Amphe-Mine EX connector series.

Made up of environmentally sealed plugs and receptacles, the Amphe-Coal EX series is certified for use in IECEx Group 1 – mining in Australia, and is going through MA, mining certification in China.

Utilized in the mining industry, this connector series is ideal for use in classified facilities like underground mining sites where machinery requires more power and signal in a smaller interface.

Amphenol's Amphe-Coal EX series provides a reliable connection in power distribution, data acquisition and transmission, communication systems, process control as well as in embedded computer and other applications where zone or class-rated connectors are required.

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These compact, environmental connectors offer exceptional mating properties and come in high grade 316 stainless steel. The Group 1 shell is only offered in stainless steel, while Group II and Group III come in stainless steel, aluminum or brass. Shell sizes include 9, 11, 13, 15, 17 and 19.

In addition to its full range of hardware styles, including the use of flameproof rated cable glands, the Amphe-Coal EX series features high quality copper contacts with silver plating (gold plating available as an option).

The Amphe-Coal EX offers high amperage up to 217 amps at 1,250 V/DC and 900 V/AC as well as a broad range of inserts ranging between 2 and 79 contacts. The unit's plug and socket, when connected together, are mechanically interlocked by means of a threaded nut retained by a locking set screw.

### **Technical Specifications**

- Explosion-proof circular connectors
- High amperage up to 217 amps at 1,250 V/DC and 900 V/AC
- Broad range of inserts ranging between 2 and 79 contacts
- Certified for use in IECEx Group 1

Pricing for the Amphe-Coal EX starts at \$250 per unit. Delivery is 8 weeks ARO.

For more information, please visit <http://www.amphenol-industrial.com> or e-mail [ctian@amphenol-aio.com](mailto:ctian@amphenol-aio.com).

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**READER SERVICE INQUIRIES:** Please forward all reader service inquiries to **Carolyn Tian** at Amphenol Industrial Products Group, Amphenol Corporation, 40-60 Delaware Ave, Sidney, N.Y., 13838-1395; e-mail: [ctian@amphenol-aio.com](mailto:ctian@amphenol-aio.com); Web: [www.amphenol-industrial.com](http://www.amphenol-industrial.com).

**EDITOR'S NOTE:** [Amphenol Industrial Products Group](http://www.amphenol-industrial.com), headquartered in a 675,000 square foot facility in Sidney, N.Y., provides a full range of high reliability power/signal connectors and interconnection systems specifically for the industrial markets including rail/mass transit, process control, automotive manufacturing, heavy equipment, wireless base stations 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 ISO9001, TS96949 and MIL-STD-790 certified.

Amphenol Industrial Products Group is a division of Amphenol Corporation, Wallingford, CT, one of the largest manufacturers of interconnect products in the world, with year 2014 sales topping \$5.3 billion.