

**HD Media Release: Amphenol**

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**LP**

AAPMEDIA RELEASE PR57199 Amphenol Offers Explosion Proof Heavy Duty Connector Series

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**TD**

Amphenol Industrial Products Group, a global leader in interconnect systems, offers a heavy duty connector series that is explosion proof and certified for use in IECEx Group 1 **mining** hazardous locations. Based on Amphenol's Star-Line series, the Amphe-Mine EX product line is made up of environmentally-sealed plugs and receptacles and provides outstanding performance in harsh environments.

(Photo: <http://photos.prnasia.com/prnh/20140626/0861404513> )

Ideal for use in underground **mining** explosive environments and applications, petrochemical refineries, land and offshore drilling systems, this rugged connector series is certified to the latest IECEx standards including Group 1 **mining** applications in Australia and ATEX certificate Zone 1 standards. These compact environmental connectors offer exceptional mating properties and come in high-grade 316 stainless steel. Their design provides outstanding performance in explosive-proof automatic and process control systems as well as in instrumentation systems.

Used in power distribution for underground **mining** machinery, data transmission and **acquisition** for underground communication systems and in motors, Amphenol's Amphe-Mine EX is threaded, flameproof and fabricated to prevent the mixture of explosive gases and the electrical circuits by means of tighter tolerances in mated junctions.

The Amphe-Mine EX series offers the industry's broadest range of backshell arrangements and contact inserts for power (up to 1,135 amps at 1,000 V/AC or DC), signal (up to 143 contacts) and mixed power control applications. All contact inserts are interchangeable and reversible to suit specific needs. Solder, crimp and pressure terminals are available.

These rugged connectors offer a full range of hardware styles including the use of flameproof rated cable glands. They feature high quality **copper** contacts with silver plating (**gold** plating available as an option) as well as a hard anodic coating. Composite inserts for power, control and instrumentation services available.

Amphenol's Amphe-Mine EX series features RADSOK technology that offers higher current ratings (up to 25% higher than standard contacts) with lower mating forces as well as high reliability, low contact resistance, high mating cycles and a self-cleaning design.

Technical Specifications -High amperage up to 1,135 amps at 1,000 V/AC or DC -Up to 143 contacts  
-Solder, crimp and pressure terminations -Anodic coating for corrosion resistance -Dielectric strength of 1,800 V -Heat resistant to 750 Fahrenheit degrees

For more information, please visit <http://www.amphenol-industrial.com> or e-mail [frances.tang@amphenol-industrial.com](mailto:frances.tang@amphenol-industrial.com) to get help from our **China** factory for Asia area.

EDITORS NOTE: Amphenol Industrial Products Group, 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.

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 2013 sales topping \$4.6 billion.

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SOURCE Amphenol

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