Two Connector Series Now Offer Higher Level of Corrosion Resistance

Ideal for use in ATEX and IECEx hazardous environments

Amphenol Industrial Global Operations, a global leader in interconnect systems, expanded its Starline EX [1]and Amphe-EX [2] series of connectors to offer a higher level of corrosion resistance for use in the most harsh environments. Designed for hazardous ATEX and IECEx applications, these rugged connectors are designed with exceptional mating properties and are available in high grade 316 stainless steel.

Used in oil and gas offshore platforms, FPSO turret mounting equipment, marine environments and natural gas processing equipment, Amphenol's Starline EX and Amphe-EX are threaded, flameproof and fabricated to prevent the mixture of explosive gases and the electrical circuits by means of tighter tolerances in mated junctions.

Approved for Zone 1 rated applications, both the Starline EX and Amphe-EX connectors eliminate hard wiring to terminal blocks enclosed in junction boxes and provide quick and safe interconnections to modular equipment.

Both the Starline EX and Amphe-EX offer temperature ranges of -20°C to +55°C (T5 and T6 ratings available).

The Starline 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), signal (up to 143 contacts) and mixed power control applications. All contact inserts are interchangeable and reversible to suit specific needs.

The Starline EX series features a dielectric strength of 1,800 V.

The Amphe-EX series allow for small wire gauges (12 – 28 AWG) and requires less

space for interconnects. In addition to standard copper contacts, this series offers RJ45 (USB pending) and fiber optic connections in an ATEX and IECEx approved interconnect solution.

Pricing for the Starline EX starts at $400 per mated set. Pricing for the Amphe-EX starts at $300 per mated set. Delivery is 8-10 weeks ARO.

For more information, please visit http://www.amphenol-industrial.com [3].

Posted by Ron M. Seidel, Editorial Intern

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Links:
[1] http://www.amphenol-industrial.com/index.php/starline-ex?layout=blog
[2] http://www.amphenol-industrial.com/index.php/amphe-ex?layout=blog
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