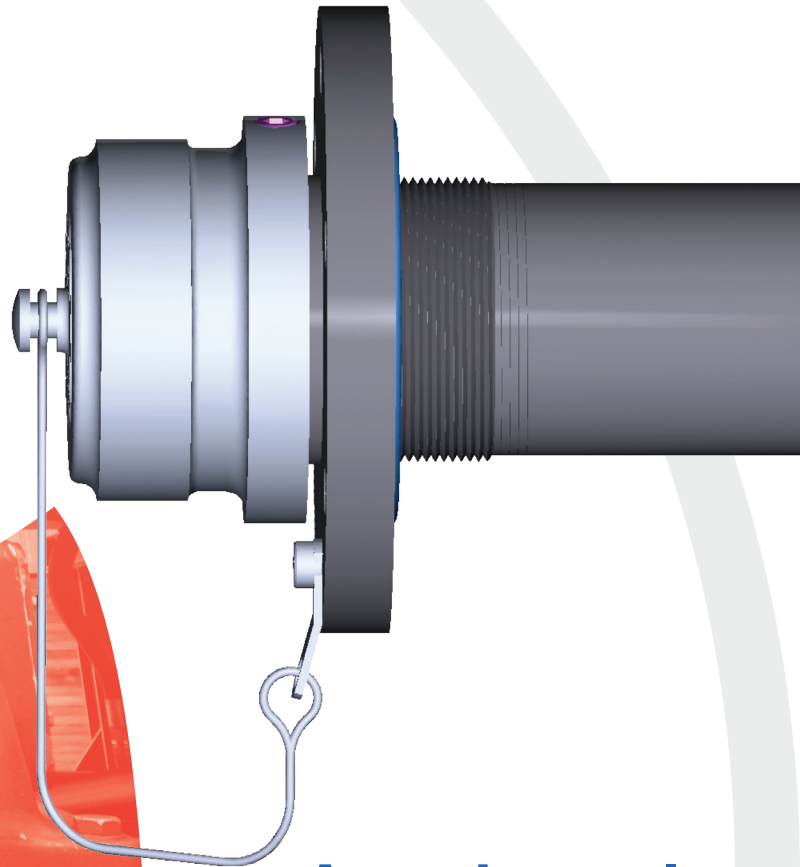


# Star-Line EX Hermetics

Amphenol Energy Technologies Groups', Star-Line EX Hermetic Connectors are designed to be implemented within applications and equipment where concentrations of flammable gases, vapors, mists or combustible dusts exist.

These glass-sealed receptacles, are designed to mate with the established, and long proven, Star-Line EX Series of plug connectors. They leverage the existing, extensive line-up of available contact layouts. Stainless steel connector bodies assure mechanical and environmental durability.

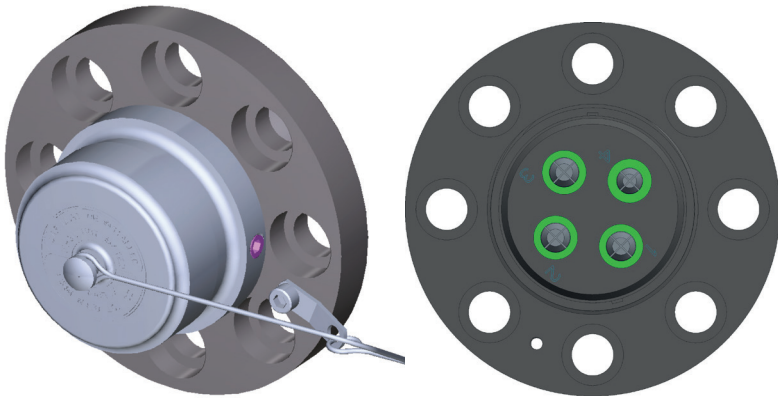
They are easy to specify, vastly adaptable, and designed to complement Ex equipment, such as Turbo Generators and Expanders using magnetic bearings, Pressurized Actuators, and LNG Pumps, to name a few.



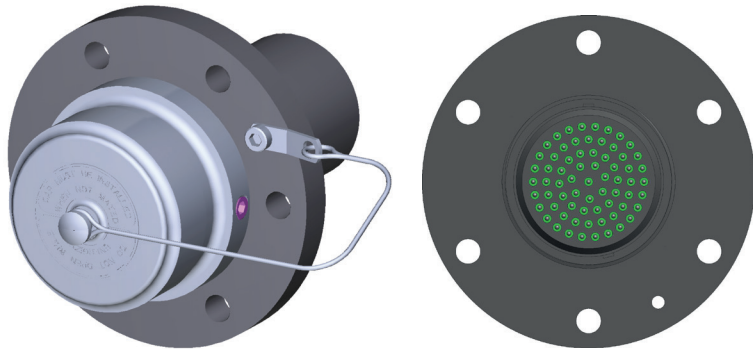
**Amphenol**  
Energy Technologies

THE SPECIALIST IN HARSH AND  
HAZARDOUS AREA INTERCONNECT

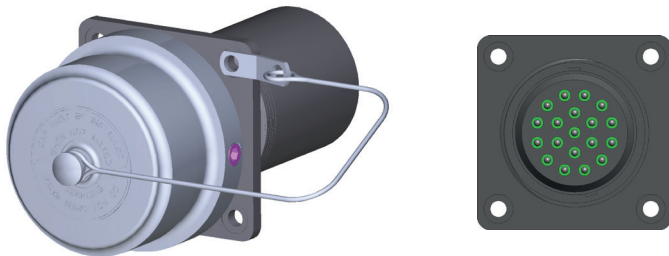
# Star-Line EX Hermetics



EXAMPLE OF ASSEMBLY SHOWN: EXS-18-H8-C24-38PR, 18-H8 EEC STYLE ROUND FLANGE, 8 HOLE, W/FRONT FLAMEPATH



EXAMPLE OF ASSEMBLY SHOWN: EXS-18-H6-20-313P, 18-H6 STARLINE EX STYLE ROUND FLANGE, 6 HOLE, W/ FLAMEPATH, FRONT & REAR FLAMEPATH



EXAMPLE OF ASSEMBLY SHOWN: EXS-17-H-16-377P, 17-H STARLINE EX STYLE SQUARE FLANGE, 4 HOLE SQUARE, W/ THREADED FLAMEPATH, FRONT & REAR FLAMEPATH

- **Pin Configurations:** Starline Ex Power, Signal, and Composite Layouts
- Contact size: 16awg thru 4/0
- Voltages up to 600 VAC
- Current Carrying capacity up to 140 ampere
- Explosion-Proof Standards (Compliance: ATEX, CSA, IECEx, EAC)
- ATEX Rating: EX DB EB IIC T6 GB Zone 1, 2
- Hardware Keying – Unique keying to prevent adjacent cross-mating, available.
- Hardware Material - Stainless steel, 316L
- Ingress Protection: IP68 (mated connectors, and cable sealing)
- Conductor Termination: Solder Cup (scalloped and oriented).
- Hermetic Performance:  $10 \times 10^{-8}$  cc/sec @ 1 ATM
- Pressure withstand: Up to 300 Bar
- PIN Contact Material:  
**Standard:** NiFe (common hermetic current rating);  
**Available:** NiFe Clad, Cu core (elevated current rating)



## Contact us

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