



Amphenol Connectors



Amphenol STARLINE EX - Series

The reference in flameproof connectors for the Oil & Gas and Marine industry for signal, power and RF requirements in the most harsh environments. Made of high tensile strength aluminum with hard anodic coating. Also available in high grade 316 stainless steel.

Key Features

- ATEX/IECEx certified for Zone 1 IIC
- Inserts from single-contact up to 143 contacts and 1135 Amps./1000VAC or DC
- IP 68
- Temp. – 40 to + 55°C
- Shock resistance 60G
- Double lead threaded coupling system
- Wide variety of mech clamps and kellems grips



Amphenol AMPHE-EX - Series

Miniature, heavy duty explosion-proof series in high grade 316 stainless steel. Equipped to handle signal, power, RF, fiber optic and Ethernet in the most harsh environments. Available with RJ45 and USB inserts. Smaller interface than most ATEX-rated connectors. Also available in high tensile strength aluminum with hard anodic coating.

Key Features

- ATEX/IECEx certified for Zone 1 IIC
- Inserts 2 # 12 awg, up to 100 # 22D awg contacts
- Numerous hybrid inserts available that offer combination copper and Coax/Twinax. /fiber
- IP 68
- Temp. – 20 to + 40°C
- Double lead threaded coupling system
- Wide variety of EX cable glands.



Amphenol STARLINE - Series

Heavy duty connectors for use in safe area for signal, power requirements in the most harsh environments. Made of high tensile strength aluminum with hard anodic coating.

Key Features

- For harsh environments in safe area
- Inserts from single-contact up to 143 contacts and 1135 Amps./1000VAC or DC
- IP 68
- Temp. – 20 to + 40°C
- Shock resistance 60G
- Double lead threaded coupling system
- Wide variety of cable/kellem grips.





Specifications required for connector selection

1. Connection type?
 - A. Power**
 - AC or DC power?
 - Loads the connector will be subjected to?
 - Outer cable cross section?
 - B. Signal**
 - How many contacts are required? Power and AUX?
 - Is a separate earth/ground pin required?
 - Outer cable cross section?
 - C. Optical**
 - Single mode or multimode?
 - Outer cable cross section?
 - D. Hybrid**
 - Provide detailed information on cable and transmission types according to the questions above.
2. **Where the product is to be used?**
 - EX zone or Safe area?
3. **What type of connector?**
 - Straight plug and socket?
 - In-line mounted?
 - Wall mounted?
 - Panel mounted in enclosure?
 - Male/female position?
4. **Extras**
 - Cable grip?

Close to the EX market



Flameproof Enclosures • Pressurized Systems and Cabinets • Cables and Connectors • IO Remote Systems • Control Equipment Components • Audible and Visual Signals • Engineering and Customer based product development • Bus and Interface