Amphenol Oil & Gas Technologies introduces their new Class 1, Division 1 rated connector series called HAZ PRO EXZ.

The Haz Pro EXZ Series connectors permit the safe making and breaking of electrical circuits without the use of supporting devices such as interlocking mechanisms or complicated procedural controls involving purging or pressurization. The EXZ Series explosion proof connectors offer considerable reduction in complexity, weight, bulk - and most importantly cost - when compared to other connectors used for hazardous areas. The coupling mechanism provides a quick make and break design that prevents the possibility of igniting the hazardous gases that may be in the atmosphere.

Features:
- Class 1, Division 1 rated
- Gas Groups C & D rated
- UL Category RORR
- IP 66/67 rated
- Insert configurations for Power & Control
- Circuit breaking
- Compatible with pressurized or purged systems
- Explosion proof aluminum receptacle enclosures with conduit hubs
- Panel mount receptacle with direct adaptability to third party EX enclosures.

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**Benefits:**

- Quick, safe disconnect without power down requirements
- Rugged, hard coat aluminum components offer resistance to corrosion
- Numerous insert configurations offer customers flexibility in choosing cable
- Receptacles are pre-wired with pigtailed to allow splicing to circuit conductors
- Variety of hub sizes available offers customer flexibility with their conduit size selection

**SAMPLE PART NUMBER LOGIC**

**CONTROL SERIES PLUGS (EXZ-AA-BB-CC-DD-EEEFG)**

- **EXZ** - Series Identification
- **AA** - Shell Style (example: 13 - Plug, 16 - Receptacle)
- **BB** - Cable Retention Style (example 2 - Mechanical Clamp)
- **CC** - Grommet Code
- **DD** - Shell Size
- **EEE** - Insert Configuration (example: 621)
- **F** - Contact Gender (example: P - Pin, S - Socket)
- **G** - Conductor Termination Style (example: N - Crimp)

**CONTROL SERIES RECEPTACLES (EXZ-AA-BB-CC-DD-EEEFG)**

- **EXZ** - Series Identification
- **AA** - Shell Style (example: 13 - Plug, 16 - Receptacle)
- **BB** - Entry Hub Size (example N3 - 1” Hub, see table for remaining hub sizes)
- **CC** - omit
- **DD** - Shell Size
- **EEE** - Insert Configuration (example: 621)
- **F** - Contact Gender (example: P - Pin, S - Socket)
- **G** - Conductor Termination Style (example: N - Crimp)

**HUB CODES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Size (NPT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N4</td>
<td>1-1/4”</td>
</tr>
<tr>
<td>N5</td>
<td>1-1/2”</td>
</tr>
<tr>
<td>N7</td>
<td>2-1/2”</td>
</tr>
</tbody>
</table>

**Markets:**

- Shore to Ship LNG or Oil Tankers
- Refineries and Chemical Plants
- Gasoline Storage Facilities
- Underground Mining Equipment
- FPSO Ships
- Oil Rigs & Production Platforms
- Airport Refueling Facilities

**Additional catalogs of interest:**

- Star-line® & Star-line EX® Harsh Environment Connectors, please ask for Catalog 12-054
- Amphe-Power® family of connectors with RADSOK Technology, please ask for Catalog SL-391