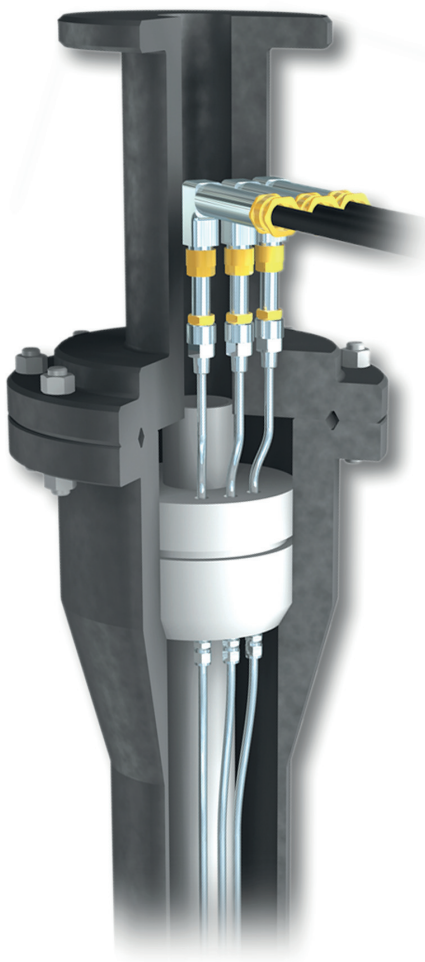


Split Phase Connector - (Standard Technology)

The 3-Leg Penetrator for ESP Wells is a universal application for concentric and/or limited space wellhead configurations, providing unsurpassed reliable gas-tight 3-phase power to conventional ESP systems.

STANDARD TECHNOLOGY	
Low Level CO ₂	Up to 125°C
No H ₂ S	Up to 5kVAC
Up to 5000 psi	Up to 150A



Key Performance Features

3 Leg Configuration

Each phase is split to penetrate wellhead through three separate bores. Interchangeable with any 3-leg wellhead system; completely gas tight using industry standard compression fittings.

Unique Pressure Barrier Technology

Zero Gas Leakage, total safety security with zero possibility of surface explosions - no need for surface 'breathers'.

Unique Stack-up Tolerant Design

Providing variable space-out when installing. Eliminates risky cutting of 3/8" SS tubes, obsoletes terminating connections on site, preventing potential damage to insulation, improving reliability and speed of installation.

'Plug & Play' Surface Connector

Reusable, factory assembled and tested product, No special training, or specialist required. Saves rig time and improves reliability performance.

Single Assembly Downhole Penetrator and 3-into-1 Breakout Module

With moulded pigtail to downhole cable. No on-site cable phase separation and termination preparation required; only standard horizontal splice. Removes critical process from rig floor. No on-site specialist required. Saves rig time and improves reliability performance.

Permanently activated internal seals, tested during assembly

No pressure-activated seals, no possibility of gas migration through penetrator, even at low pressures.

No Specialist Tooling Required

Reduced risk of delays due to missing or broken specialist tooling.

Unblemished Reliability Track Record

Total confidence of reliability.

Experience

The industry's unchallenged number one choice for reliability. Exclusive supplier to the demanding North Sea market for over 20 years.

Product Specification

Up to 5000 psi working, 7500 psi test
 Up to 5kVAC
 Up to 150A
 Up to 125°C / 255°F working temperature
 Certified for Hazardous Area use

Other Key Features

Protective Caps provided
 Gold Plated Pins and Sockets
 Qualified to IEC60502
 Metal to Metal Sealing
 Only NACE MR01-75 Materials used
 Kidney Shaped Breakout Penetrator Assembly

Harsh Environment Technology	Positive Pressure Technology	Standard Technology
Suitable for up to 90% CO ₂	Suitable for up to 40% CO ₂	Suitable for up to 1% CO ₂
Suitable for up to 40% H ₂ S	Suitable for up to 0.1% H ₂ S	Not suitable for H ₂ S

