

Split Phase Packer Penetrator - FRONTIER Series

The 3-Leg Packer Penetrator for ESP Wells is a universal application, delivering pressure-tight 3-Phase power through Downhole ESP packers and encapsulated ESP systems (Pods/Cans).

SPECIFICATIONS

Up to 90% CO ₂	Up to 150°C
Up to 40% H ₂ S	Up to 8kVAC
Up to 7500 psi	Up to 250A



Key Performance Features

3-Leg Configuration

Each phase is split to penetrate the packer (or Pod) through three separate bores. Interchangeable with other 3-leg packer penetrator systems, completely gas tight using industry standard compression fittings.

Unique Pressure Barrier Technology

Zero Gas Leakage, total safety security with zero possibility of gas migration.

Unique Stack-up Tolerant Design

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

'Plug and Play' Upper Connector and 3-into-1 Breakout Module

With factory moulded power cable pigtail. No onsite cable separation or preparation required. 3-Leg breakout module pigtails can be pre spliced to main power cable. Removes all critical process from rig floor, no on site specialist required, saves rig time and improves reliability.

Seal Integrity Test included as part of Installation Procedure for absolute peace of mind

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 7500 psi working
 Up to 8kVAC
 Up to 250A
 Up to 150°C / 302°F working temperature

Other Key Features

Protective Caps provided
 Gold Plated Pins and Sockets
 Qualified to IEC60502
 Only NACE MR01-75 Materials used
 Kidney shaped breakout to minimise space requirement